

3366

Book "D"
4-679

BOOK 3366

Completed

FIELD NOTES

RE-
OF THE SURVEY OF THE

3366

Fourth Standard Parallel North, thru Range 15 East,

and SURVEY of

West boundary, of T. 17 N., R. 16 E., and

Subdivision lines of

TOWNSHIP 17 NORTH, RANGE 15 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

John F. Hesse & Thomas B. Matthews, U.S. Surveyors,

and

William L. Nash, U.S. Transitman,

~~In the capacity of U. S. Surveyors~~, under Special Instructions dated Dec. 1, 1916,

issued by the United States Surveyor General to govern surveys included in Group

No. 79, Arizona, which were approved by the Commissioner of the General Land

Office, Dec. 19, 1916, and Assignment Instructions dated ^{January 12, 1917 and} ~~May 11, 1917~~.

Resurvey & Survey commenced February 1, 1917

Resurvey & Survey completed May 24, 1917

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38 (1A)

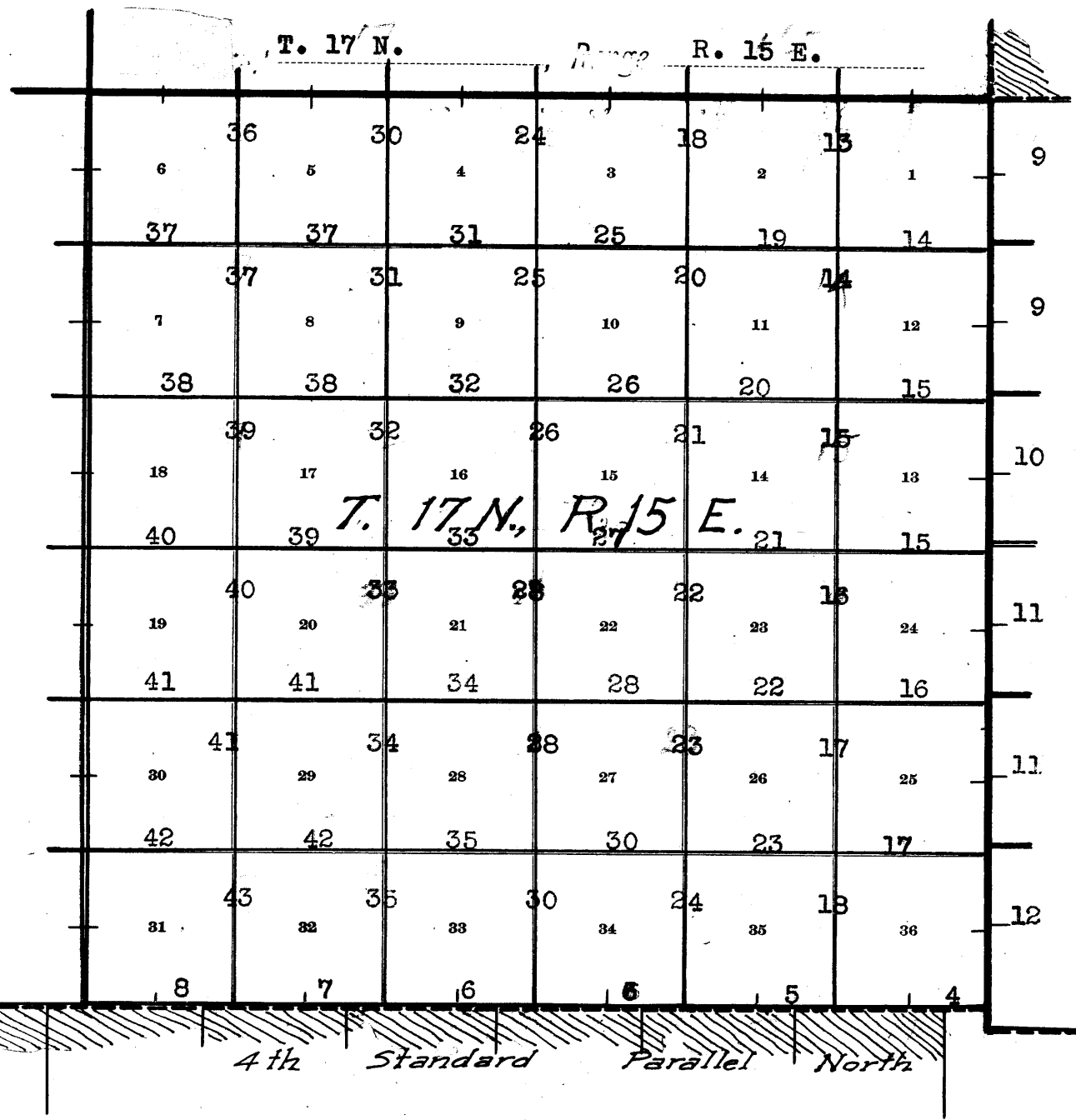
3366

Book "D"

Group 79 - - - Arizona.

BOOK 3366

INDEX DIAGRAM.



- Lines surveyed under this group.
- - - Lines retraced or rsurveyed under this group.
- Accepted surveys.
- Areas surveyed as per accepted plats on file.

Chains.

Resurveys and surveys hereinafter described, executed on dates shown on diagram on page 45 of this book, by John F. Hesse, U. S. Surveyor, using Lietz light mountain transit No. 6166; Thomas B. Matthews, U. S. Surveyor, using Buff & Buff solar transit No. 10124, and Wm. L. Nash, U. S. Transitman, using Buff & Buff light mountain transit No. 9937, described with record of test and certificate of approval in Book "K". Transit No. 6166 is described, with record of approval by the Assistant Supervisor of Surveys, and of field tests, in Book "A". Instrument No. 10124 has two double verniers placed opposite to each other, reading to single minutes of arc; and is equipped with a Smith solar attachment, the verniers of the lat. and decl. arcs of which also read to minutes. This transit was approved by the Assistant Supervisor of Surveys for Arizona and California, subject to satisfactory field tests, on May 19, 1917. Record of field tests follows:

Field Tests of Transit No. 10124, by Thomas B. Matthews.

May 13, 1917.

At camp in sec. 9, T. 17 N., R. 16 E.; lat. $34^{\circ}53\frac{1}{2}'N.$, long. $110^{\circ}39'W.$, set up transit over meridian established by U. S. Transitman Wm. L. Nash, described in Book "K", and test adjustments, correcting all errors.

At 4h 00m, p.m., l.m.t., set off $34^{\circ}53\frac{1}{2}'$ on the lat. arc, $18^{\circ}26\frac{1}{2}'N.$ on the decl. arc, and determine a meridian with the solar.

May 14, 1917.

At 8h 00m, a.m., l.m.t., set off $34^{\circ}53\frac{1}{2}'$ on the lat. arc, $18^{\circ}36'N.$ on the decl. arc, and determine a meridian with the solar.

The determination of the meridian by the solar is identical with that by the Polaris observation; from which it is concluded that the adjustments are satisfactory.

The instrument was frequently tested in a similar manner by comparison of its indications with the true meridian determined by observations on Polaris, and the adjustments verified and maintained.

The mean magnetic declination is $14^{\circ}30'E.$

Resurvey of 4th St. Par. N., through Range 15 East.

The resurvey of the 4th Std. Par. N. thru Range 15 E., is dependent upon the closing cors. of accepted surveys S. of line as far as the courses are concerned but as no accepted surveys have been initiated from the old standard cors. thereon, the designation of each old standard cor. is changed to Angle Point.

New standard cors. are set on the parallel between said angle points, at such intervals as to produce a dist. of 40.00 chs. between N. and S. lines thru said new standard cors., with the exception of the $W.\frac{1}{2}$ of S. bdy. of sec. 31.

The old standard cors. found in retracing the line as described below, were reestablished in 1894 and the closing cors. for the areas S. of the line were established the same year.

Retracement for Resurvey.

The old standard cor. of Ts. 17 N., Rs. 15 and 16 E., is a sandstone, 16x12x2 ins. above ground, firmly set, marked "S C" on N. face, and on each of N., E. and W. faces

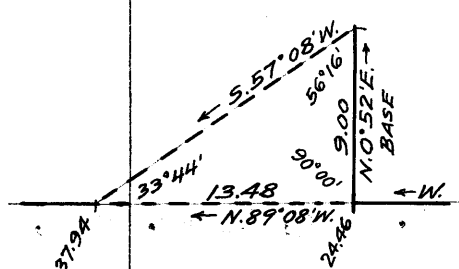
Resurvey of 4th St. Par. N., Through Range 15 East.

Chains.	and witnessed by mound of stone N. of cor. No bearing trees.
12.33	<p>Thence West, on a random line, on old S. bdy. of sec. 36, (E. $\frac{1}{2}$). Fall 6 lks. S. of original closing cor. of Ts. 16 N., Rs. 15 and 16 E., which is a limestone, 18x12x3 ins., loosly set in a mound of stone, marked C C on S. face, 6 notches on each of S., E. and W. faces and witnessed by mound of stone S. of cor. No bearing trees. True course of parallel to this C C is therefore N.89°42'W. Continue line and measurement (N. of sec. 1).</p>
40.75	<p>Fall 21 lks. S. of old standard $\frac{1}{4}$ sec. cor. of sec. 36, which is a limestone, 14x6x5 ins. above ground, firmly set, marked S C $\frac{1}{4}$ on N. face, and witnessed by mound of stone N. of cor. No bearing trees. True course and distance of E. $\frac{1}{2}$ of old S. bdy. of sec. 36 are therefore N.89°42'W., 40.75 chs.</p>
40.74	<p>Thence West, on a random line, on old S. bdy. of sec. 36, (W. $\frac{1}{2}$). Fall 34 lks. S. of old standard cor. of secs. 35 and 36, which is a limestone, 14x5x3 ins. above ground, firmly set, marked S C on N. face, 1 notch on E. face, 5 notches on W. face and witnessed by mound of stone N. of cor. No bearing trees. True course and distance of W. $\frac{1}{2}$ of old S. bdy. of sec. 36 are therefore N.89°31'W., 40.74 chs.</p>
12.04	<p>West, on random line, on old S. bdy. of sec. 35, (E. $\frac{1}{2}$). Fall 3 lks. S. of original closing cor. of secs. 1 and 2, T. 16 N., R. 15 E., which is a limestone, 14x12x6 ins. above ground, firmly set, marked C C on S. face, 1 notch on E. face, 5 notches on W. face and witnessed by mound of stone S. of cor. No bearing trees. True course of parallel to this C C is therefore N.89°51'W. Continue line and measurement (N. of sec. 2).</p>
40.76	<p>Fall 11 lks. S. of old standard $\frac{1}{4}$ sec. cor. of sec. 35, which is a limestone, 12x10x3 ins. above ground, firmly set, marked S C $\frac{1}{4}$ on N. face and witnessed by two pits, one each E. and W., and mound of earth N. of cor. No bearing trees. True course and dist. of E. $\frac{1}{2}$ of old S. bdy. of sec. 35, are therefore N.89°51'W., 40.76 chs.</p>
40.78	<p>Thence West, on random line, on old S. bdy. of sec. 35, (W. $\frac{1}{2}$). Fall 16 lks. S. of old standard cor. of secs. 34 and 35, which is a limestone, 10x6x6 ins. above ground, firmly set, marked S C on N. face, 2 notches on E. face, 4 notches on W. face and witnessed by mound of stone N. of cor. No bearing trees. True course and dist. of W. $\frac{1}{2}$ of old S. bdy. of sec. 35 are therefore N.89°46'W., 40.78 chs.</p>
10.26	<p>West, on random line, on old S. bdy. of sec. 34, (E. $\frac{1}{2}$). Fall 7 lks. S. of original closing cor. of secs. 2 and 3, T. 16 N., R. 15 E., which is a limestone, 8x6x4 ins. above ground, firmly set, marked C C on S. face, 2 notches on E. face, 4 notches on W. face, and witnessed by mound of stone S. of cor. No bearing trees. True course of parallel to this C C is therefore N.89°37'W. Continue line and measurement (N. of sec. 3.)</p>
40.72	<p>Fall 27 lks. S. of old standard $\frac{1}{4}$ sec. cor. of sec. 34, which is a limestone, 14x6x5 ins. above ground, firmly set, marked S C $\frac{1}{4}$ on N. face and witnessed by mound of stone N. of cor. No bearing trees. True course and dist. of E. $\frac{1}{2}$ of old S. bdy. of sec. 34 are therefore N.89°37'W., 40.72 chs.</p>
	<p>Thence West, on random line, on old S. bdy. of sec. 34, (W. $\frac{1}{2}$).</p>

Resurvey of 4th St. Par..N., Through Range 15 East.

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<p>Chains. 40.75</p>	<p>Fall 21 lks. S. of old standard cor. of secs. 33 and 34, which is a limestone, 16x10x5 ins. above ground, firmly set, marked S C on N. face, 3 notches on each of E. and W. faces and witnessed by mound of stone, N. of cor. No bearing trees. True course and dist. of W. $\frac{1}{2}$ of old S. bdy. of sec. 34 are therefore N.89°42'W., 40.75 chs.</p>
<p>8.73 40.09</p>	<p>West, on random line, on old S. bdy. of sec. 33, (E. $\frac{1}{2}$). Fall 3 $\frac{1}{2}$ lks. S. of original closing cor. of secs. 3 and 4, T. 16 N., R. 15 E., which is a limestone, 12x8x6 ins. above ground, firmly set, marked C C on S. face, 3 notches on each of E. and W. faces and witnessed by mound of stone S. of cor. No bearing trees. True course of parallel to this C C is therefore N.89°45'W. Continue line and measurement (N. of sec. 4) Fall 17 lks. S. of old standard $\frac{1}{4}$ sec. cor. of sec. 33, which is a limestone, 12x10x4 ins. above ground, firmly set, marked S C $\frac{1}{4}$ on N. face and witnessed by two pits, one each E. and W. and mound of earth N. of cor. No bearing trees. True course and dist. of E. $\frac{1}{2}$ of old S. bdy. of sec. 33 are therefore N.89°45'W., 40.09 chs.</p>
<p>40.82</p>	<p>Thence West, on random line, on old S. bdy. of sec. 33 (W. $\frac{1}{2}$). Fall 27 lks. S. of old standard cor. of secs. 32 and 33, which is a limestone, 12x8x6 ins. above ground, firmly set, marked S C on N. face, 2 notches on W. face, 4 notches on E. face and witnessed by mound of stone N. of cor. No bearing trees. True course and dist. of W. $\frac{1}{2}$ of old S. bdy. of sec. 33 are therefore N.89°37'W., 40.82 chs.</p>
<p>6.58</p>	<p>West, on random line, on old S. bdy. of sec. 32 (E. $\frac{1}{2}$). (Record dist. to point for closing cor. of secs. 4 and 5) Diligent search at 2.02 chs. S. from this point, fails to reveal any trace of the witness cor. to closing cor. of secs. 4 and 5.</p>
<p>24.46 37.94</p>	<p>Continue line and measurement (N. of sec. 5) East rim of Clear Creek Canyon, brs. N. and S. Impracticable to chain measurement across canyon, therefore obtain measurement by triangulation as follows: Measure a base N.0°52'E., 9.00 chs. (Impracticable to lay off base due North). Set flag beyond W. rim of canyon and bearing N.89°08'W. from S. end of base. From N. end of base, flag brs. S.57°08'W. Included angles are 56°16', 90°00' and 33°44', the sum of which is 180°00'. Dist. from S. end of base to flag is obtained by tan 56°16' X base, or 1.49755x 9.00 = 13.48 chs. As the flag bears N.89°08'W. from triangulation point on E. rim of canyon, it is 20 lks. N. of random line projected W. across canyon, therefore from a point 20 lks. S. of flag, or at</p>
<p>40.16</p>	<p>Begin chaining of line and continue measurement of E. $\frac{1}{2}$ of old S. bdy. of sec. 32. Fall 20 lks. S. of old standard $\frac{1}{4}$ sec. cor. of sec. 32, which is a limestone, 12x8x4 ins. above ground, firmly set, marked S C $\frac{1}{4}$ on N. face and witnessed by mound of stone N. of cor. No bearing trees. True course and dist. of E. $\frac{1}{2}$ of old S. bdy. of sec. 32 are therefore N.89°43'W., 40.16 chs.</p>
<p>41.25</p>	<p>Thence West, on random line, on old S. bdy. of sec. 32 (W. $\frac{1}{2}$). Fall 64 lks. N. of old standard cor. of secs. 31 and 32, which is a limestone, 12x10x4 ins. above ground, firmly set, marked S C on N. face, 1 notch on W. face, 5</p>



Resurvey of 4th St. Par. N., Through Range 15 East

- Chains. notches on E. face and witnessed by mound of stone N. of cor. No bearing trees.
True course and dist. of W. $\frac{1}{2}$ of old S. bdy. of sec. 32 are therefore S.89°07'W., 41.25 chs.
-
- 4.61 West, on random line, on old S. bdy. of sec. 31, (E. $\frac{1}{2}$).
Fall 1 lk. N. of original closing cor. of secs. 5 and 6, T. 16 N., R. 15 E., which is a limestone, 10x8x5 ins. above ground, firmly set, marked C C on S. face, 1 notch on W. face, 5 notches on E. face and witnessed by mound of stone S. of cor. No bearing trees.
True course of parallel to this C C is therefore S.89°53'W.
Continue line and measurement (N. of sec. 6)
- 40.69 Fall 8 lks. N. of old standard $\frac{1}{4}$ sec. cor. of sec. 31, which is a limestone, 15x14x6 ins. above ground, firmly set, marked S C $\frac{1}{4}$ on N. face, and witnessed by two pits, one each E. and W., and mound of earth N. of cor. No bearing trees.
True course and dist. of E. $\frac{1}{2}$ of old S. bdy. of sec. 31 are therefore S.89°53'W., 40.69 chs.
- Thence
- 40.52 West, on random line, on old S. bdy. of sec. 31 (W. $\frac{1}{2}$).
Fall 15 lks. N. of old standard cor. of Ts. 17 N., Rs. 14 and 15 E., described in book B. This cor. changed to Angle Point as described in book B.
True course and dist. of W. $\frac{1}{2}$ of old S. bdy. of sec. 31 are therefore S.89°47'W., 40.52 chs.

Resurvey.

- 3.67 From old standard cor. of Ts. 17 N., Rs. 15 and 16 E., hereinbefore described,
N.89°42'W., on true line on old S. bdy. of sec. 35 (E. $\frac{1}{2}$).
Intersect W. bdy. of T. 17 N., R. 16 E. (surveyed South from reestablished cor. of Ts. 17 and 18 N., Rs. 15 and 16 E., as hereinafter described) at a point 3.26 chs. N. from reestablished standard cor. of T. 17 N., R. 16 E., only (SW. cor.) described in book "K".
At point of intersection
Set an iron post, 3 ft. long, 3 ins. diam., on ledge of rock, supported by a mound of stone, for reestablished standard cor. of T. 17 N., R. 15 E. only (SE. cor.) marked on brass cap
- | |
|------|
| S C |
| T17N |
| R15E |
| S36 |

1917
- and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, NW. of cor.
Destroy the old standard cor. of Ts. 17 N., Rs. 15 and 16 E.
-
- From the reestablished standard SE. cor. of T. 17 N., R. 15 E., described above,
N.89°42'W., on a true line, on new S. bdy. of sec. 36. (part of E. $\frac{1}{2}$ of old S. bdy. of sec. 36.)
- 8.66 Intersect the original closing cor. of Ts. 16 S., Rs. 15 and 16 E., hereinbefore described. Reestablish this cor. as follows: Alongside old stone, set an iron post, 3 ft. long, 3 ins. diam., 6 ins. in the ground and 18 ins. in a mound of stone, for reestablished closing cor. of Ts. 16 N., Rs. 15 and 16 E., marked on brass cap

T17N R15 E
S36
S 1 S 6
R15E R16E
T16N
cc

Resurvey of 4th St. Par. N., Through Range 15 E.

Chains. to which the old mound of stone, 2 ft. base, 2 ft. high, S. of cor. remains accessory.
 37.08. Continue line and measurement (N. of sec. 1, T. 16 N., R. 15 E.)
 Intersect the old standard $\frac{1}{4}$ sec. cor. of sec. 36, hereinbefore described. Change to Angle Point by obliterating the old marks and marking "AP" on S. face of stone. Leave old mound of stone N. of cor. as accessory.

Thence N. 89° 31' W., on true line, continuing measurement of new S. bdy. of sec. 36 (beginning of W. $\frac{1}{2}$ of old S. bdy. of sec. 36.)
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor. of sec. 36, marked on brass cap

SC
 $\frac{1}{4}$ S36

1917
 and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 77.82 Intersect the old standard cor. of secs. 35 and 36, hereinbefore described. Change to Angle Point by obliterating the old marks and marking "AP" on S. face of stone. Leave old mound of stone N. of cor. as accessory.

Thence N. 89° 51' W., on true line continuing measurement of new S. bdy. of sec. 36 (beginning of E. $\frac{1}{2}$ of old S. bdy. of sec. 35.)
 80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 35 and 36, T. 17 N., R. 15 E., marked on brass cap

S	C
T17N	R15E
S35	S36

1917.
 And raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Land, rolling.
 Soil, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering sage and cactus. Good Grazing.

N. 89° 51' W., on a true line, on new S. bdy. of sec. 35, (part of E. $\frac{1}{2}$ of old S. bdy. of sec. 35.)
 Over rolling land, through scattering undergrowth.
 9.86 Intersect the original closing cor. of secs. 1 and 2, T. 16 N., R. 15 E., hereinbefore described.
 38.58 Continue line and measurement (N. of sec. 2, T. 16 N., R. 15 E.)
 Intersect the old standard $\frac{1}{4}$ sec. cor. of sec. 35, hereinbefore described. Change to Angle Point by obliterating the old marks and marking "AP" on S. face of stone. Leave the old pits and mound of earth as accessory.

Thence, N. 89° 46' W., on true line, continuing measurement of new S. bdy. of sec. 35 (beginning of W. $\frac{1}{2}$ of old S. bdy. of sec. 35.)
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for reestablished standard $\frac{1}{4}$ sec. cor. of sec. 35 marked on brass cap

SC
 $\frac{1}{4}$ S35

1917
 and dig pits, 18x18x12 ins. E. and W. of post, 3 ft. dist.
 79.36 Intersect the old standard cor. of secs. 34 and 35, hereinbefore described. Change to Angle Point by obliterating old marks and marking "AP" on S. face of stone. Leave the old mound of stone N. of cor. as accessory.

Resurvey of 4th St. Par. N., Through Range 15 East.

Chains. Thence, N.89°37'W., on true line, continuing measurement of new S. bdy. of sec. 35 (beginning of E. $\frac{1}{2}$ of old S. bdy. of sec. 34.)

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for reestablished standard cor. of secs. 34 and 35, T. 17 N., R. 15 E., marked on brass cap

S	C
T17N	R15E
S34	S35

1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Land, rolling.
 Soil, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering sage and cactus. Good grass.

N.89°57'W., on a true line, on new S. bdy. of sec. 34, (part of E. $\frac{1}{2}$ of old S. bdy. of sec. 34.)
 Over rolling land, through scattering undergrowth.

9.62 Intersect the original closing cor. of secs. 2 and 3, T. 16 N., R. 15 E., hereinbefore described.

39.75 Continue line and measurement (N. of sec. 3, T. 16 N., R. 15 E.)
 Road, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ -sec. cor. of sec. 34, marked on brass cap.

SC
$\frac{1}{4}$ S34

1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.

40.08 Intersect the old standard $\frac{1}{4}$ sec. cor. of sec. 34, hereinbefore described. Change to Angle point by obliterating the old marks and marking "AP" on S. face. Leave old mound of stone N. of cor. as accessory.

Thence, N.89°42'W., on true line, continuing measurement of new S. bdy. of sec. 34 (beginning of W. $\frac{1}{2}$ of old S. bdy. of sec. 34.)

80.00 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 33 and 34, T. 17 N., R. 15 E., marked on brass cap.

S	C
T17N	R15E
S33	S34

1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
 Land, rolling.
 Soil, 2nd and 3rd rate.
 No timber.
 Undergrowth, scattering sage and cactus. Good grass.

N.89°42'W., on a true line, on new S. bdy. of sec. 33, (part of W. $\frac{1}{2}$ of old S. bdy. of sec. 34.)
 Over rolling land, through scattering undergrowth.

0.83 Intersect the old standard cor. of secs. 33 and 34, hereinbefore described. Change to Angle point by obliterating the old marks and marking "AP" on S. face of stone. Leave old mound of stone N. of cor. as accessory.

Thence, N.89°45'W., on true line, continuing measurement of new S. bdy. of sec. 33 (beginning of E. $\frac{1}{2}$ of old S. bdy. of sec. 33)

9.56 Intersect the original closing cor. of secs. 3 and 4,

Resurvey of 4th St. Par. N., Through Range 15 East.

Chains.	T. 16 N., R. 15 E., hereinbefore described.
40.00	Continue line and measurement (N. of sec. 4, T. 16 N., R. 15 E.) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor. of sec. 33, marked on brass cap SC <u>$\frac{1}{4}$S33</u> 1917 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
40.92	Intersect the old standard $\frac{1}{4}$ sec. cor. of sec. 33, hereinbefore described. Change to Angle Point by obliterating the old marks and marking "AP" on S. face of stone. Leave old pits and mound of earth as accessory. Thence, N. 89° 37' W., on true line, continuing measurement of new S. bdy. of sec. 33, (beginning of W. $\frac{1}{2}$ of old S. bdy. of sec. 33).
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 32 and 33, T. 17 N., R. 15 E., marked on brass cap S C T17N R15E <u>S32 S33</u> 1917 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Land, rolling. Soil, 2nd and 3rd rate. No timber. Undergrowth, scattering sage and cactus. Good grass.
1.74	N. 89° 37' W., on a true line, on new S. bdy. of sec. 32, (part of W. $\frac{1}{2}$ of old S. bdy. of sec. 33) Over rolling land, through scattering undergrowth. Intersect the old standard cor. of secs. 32 and 33, hereinbefore described. Change to Angle Point by obliterating the old marks and marking "AP" on S. face of stone. Leave old mound of stone N. of cor. as accessory.
3.14	Thence, N. 89° 43' E., on true line, continuing measurement of new S. bdy. of sec. 32 (beginning of E. $\frac{1}{2}$ of old S. bdy. of sec. 32.) East rim of Clear Creek Canyon, bears NE. and SW. Thence along broken N. slope along S. side of canyon.
8.29	The point for closing cor. of secs. 4 and 5, T. 16 N., R. 15 E., determined by proportion. Impracticable to set cor.
11.84	Continue line and measurement (N. of sec. 5, T. 16 N., R. 15 E.)
14.74	S. rim of Clear Creek Canyon, bears N. 80° W. and S. 80° E.
15.49	E. rim of branch canyon, bears N. and S. Desc.
18.09	Bottom of same, course N. to Clear Creek Canyon. Asc.
26.20	W. rim of same.
32.99	E. rim of Clear Creek Canyon, bears N. and S. Desc.
33.24	Bottom of Clear Creek Canyon, course N. Asc.
40.00	W. rim of Clear Creek Canyon, bears N. and S. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor. of sec. 32, marked on brass cap SC <u>$\frac{1}{4}$S32</u> 1917 and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
41.90	Intersect the old standard $\frac{1}{4}$ sec. cor. of sec. 32, hereinbefore described. Change to Angle Point by obliterating old marks and marking "AP" on S. face of stone. Leave old mound of stone N. of cor. as accessory.

Resurvey of 4th St. Par., N., Through Range 15 East.

Chains.	Thence, S.89°07'W., on true line, continuing measurement of new S. bdy. of sec. 32 (beginning of W. $\frac{1}{2}$ of old S. bdy. of sec. 32.)						
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for reestablished standard cor. of secs. 31 and 32, T. 17 N., R. 15 E., marked on brass cap <div style="text-align: center;"> <table border="1"> <tr><td>S</td><td>C</td></tr> <tr><td>T17N</td><td>R15E</td></tr> <tr><td>S31</td><td>S32</td></tr> </table> </div> <p style="text-align: center;">1917</p> and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Land, rolling. Soil, 2nd and 3rd rate. Timber, scattering cedar. Undergrowth, scattering sage and cactus. Good grass.	S	C	T17N	R15E	S31	S32
S	C						
T17N	R15E						
S31	S32						
3.15	S.89°07'W., on a true line, on new S. bdy. of sec. 31, (part of W. $\frac{1}{2}$ of old S. bdy. of sec. 32.) Over rolling land, through scattering timber and undergrowth. Intersect the old standard cor. of secs. 31 and 32, hereinbefore described. Change to Angle Point as follows: Alongside old stone, set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, marked on brass cap <div style="text-align: center;"> <table border="1"> <tr><td>AP</td></tr> </table> <p>1917</p> </div> Destroy old mound of stone N. of cor., and establish bearing trees as follows: On a cedar, 8 ins. diam., N.41°W., 185 lks. dist., mark "SC AP BT" On a cedar, 7 ins. diam., N.51°E., 280 lks. dist., mark "SC AP BT."	AP					
AP							
7.76	Thence, S.89°53'W., on true line, continuing measurement of new S. bdy. of sec. 31, (beginning of E. $\frac{1}{2}$ of old S. bdy. of sec. 31.) Intersect the original closing cor. of secs. 5 and 6, T. 16 N., R. 15 E., hereinbefore described. Continue line and measurement (N. of Sec. 6, T. 16 N., R. 15 E.) Road, brs. NE. and SW.						
27.00							
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for reestablished standard $\frac{1}{4}$ sec. cor. of sec. 31, marked on brass cap <div style="text-align: center;"> <table border="1"> <tr><td>SC</td></tr> <tr><td>$\frac{1}{4}$S31</td></tr> </table> <p>1917</p> </div> and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.	SC	$\frac{1}{4}$ S31				
SC							
$\frac{1}{4}$ S31							
43.84	Intersect the old standard $\frac{1}{4}$ sec. cor. of sec. 31, hereinbefore described. Change to Angle Point as follows: Alongside old stone, set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, marked on brass cap <div style="text-align: center;"> <table border="1"> <tr><td>AP</td></tr> </table> <p>1917</p> </div> Destroy old pits and mound of earth, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.	AP					
AP							
80.40	Thence, S.89°47'W., on a true line, continuing measurement of new S. bdy. of sec. 31 (Beginning of W. $\frac{1}{2}$ of old S. bdy. of sec. 31.) Intersect the standard cor. of Ts. 17 N., Rs. 14 and 15 E., reestablished at the intersection of the line bet. Rs. 14 and 15 E. run S. to the standard parallel, as described in Book "B".						
84.36	Intersect the old standard Tp. cor., changed to Angle Point as described in Book "B". Land, rolling. Soil, loose sandy loam 2 to 18 ins. deep over limestone,						

Resurvey of 4th St. Par. N., Through Range 15 East.

Chains. with outcropping limestone ledges; 2nd to 4th rate. Timber, scattering cedar. Undergrowth, scattering sage and cactus. Good grass.

Survey of W. Bdy. of T. 17 N., R. 16 E.

Preliminary to survey of W. bdy. of T. 17 N., R. 16 E., begin at reestablished cor. of Ts. 17 and 18 N., Rs. 15 and 16 E., described in Book "A", and run random line S. to obtain length of said Tp. bdy. At 474.96 chs. S., intersect 4th St. Par. N. at 3.67 chs. N.89°42'W. from old standard cor. of Ts. 17 N., Rs. 15 and 16 E., therefore the length of E. bdy. of T. 17 N., R. 15 E. will be 474.96 chs. At 478.22 chs. intersect 4th St. Par. N. as resurveyed West thru R. 16 E., as described in Book "K", therefore the length of W. bdy. of T. 17 N., R. 16 E., will be 478.22 chs.

As the subdivision lines of T. 17 N., R. 15 E. and T. 17 N., R. 16 E. are to be surveyed from N. to S. and S. to N., respectively, there will be two sets of cors. on the Range line bet. said Tps., one set referring to T. 17 N., R. 15 E. to be established at intervals of 40.00 chs. from NE. cor. of said Tp., and one set referring to T. 17 N., R. 16 E. to be established at intervals of 40.00 chs. from SW. cor. of said Tp., which method of survey is executed as follows:

From reestablished cor. of Ts. 17 and 18 N., Rs. 15 and 16 E., described in Book "A"

South, on true line, on W. bdy. of sec. 6, T. 17 N., R. 16 E. Over rolling land, through scattering undergrowth.

38.22 (440 chs. N. from SW. cor. of Tp.) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 6 only, marked on brass cap



1917

and dig pits 18x18x12 ins., N. and S. of post, 3 ft. dist.

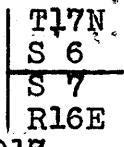
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor. of sec. 1, T. 17 N., R. 15 E., marked on brass cap



1917

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

78.22 Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 6 and 7, T. 17 N., R. 16 E., marked on brass cap



1917

and dig pits, 24x24x12 ins., NE. and SE. of post, 6 ft. dist.

Land, rolling. Soil, 2nd rate. No timber. Undergrowth, scattering sage, Good grass.

1.78 SOUTH, on true line, on W. bdy. of sec. 7, T. 17 N., R. 16 E. Over rolling land, through scattering undergrowth. (8000 chs. from NE. cor. of Tp.) Set an iron post, 3 ft. long, 3 ins. in diam., 24 ins. in the ground, for cor. of secs. 1 and 12, T. 17 N., R. 15 E., marked on brass cap

Survey of W. Bdy. of T. 17 N., R. 16 E.

Chains.	<table border="1"> <tr><td>T17N</td></tr> <tr><td>S 1</td></tr> <tr><td>S12</td></tr> <tr><td>R15E</td></tr> </table>	T17N	S 1	S12	R15E
T17N					
S 1					
S12					
R15E					
	1917				
	and dig pits; 24x24x12 ins. NW. and SW. of post, 6 ft. dist.				
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 7, T.17N.,R.16E., marked on brass cap				
	<table border="1"> <tr><td>$\frac{1}{4}$</td></tr> <tr><td>S 7</td></tr> </table>	$\frac{1}{4}$	S 7		
$\frac{1}{4}$					
S 7					
	1917				
	and dig pits; 18x18x12 ins., N. and S. of post, 3 ft. dist.				
41.78	(40.00 chs. from cor. of secs. 1 and 12) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 12, T.17N.,R.15E.; marked on brass cap				
	<table border="1"> <tr><td>$\frac{1}{4}$</td></tr> <tr><td>S 12</td></tr> </table>	$\frac{1}{4}$	S 12		
$\frac{1}{4}$					
S 12					
	1917				
	and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.				
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 7 and 18; T. 17 N., R. 16 E., marked on brass cap				
	<table border="1"> <tr><td>T17N</td></tr> <tr><td>S 7</td></tr> <tr><td>S18</td></tr> <tr><td>R16E</td></tr> </table>	T17N	S 7	S18	R16E
T17N					
S 7					
S18					
R16E					
	1917				
	and dig pits, 24x24x12 ins., NE. and SE. of post, 6 ft. dist.				
	Land, rolling. Soil, 2nd rate. No timber. Undergrowth, scattering sage. Good grass.				
SOUTH, on true line, on W. bdy. of sec. 18. Over rolling land, through scattering undergrowth.					
1.78	(80.00 chs. from cor. of secs. 1 and 12) Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the ground, for cor. of secs. 12 and 13, T.17N.,R.15E., marked on brass cap				
	<table border="1"> <tr><td>T17N</td></tr> <tr><td>S12</td></tr> <tr><td>S13</td></tr> <tr><td>R15E</td></tr> </table>	T17N	S12	S13	R15E
T17N					
S12					
S13					
R15E					
	1917				
	and dig pits, 24x24x12 ins., NW. and SW. of post, 6 ft. dist.				
40.00	Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 18, T.17N.,R.16E., marked on brass cap				
	<table border="1"> <tr><td>$\frac{1}{4}$</td></tr> <tr><td>S18</td></tr> </table>	$\frac{1}{4}$	S18		
$\frac{1}{4}$					
S18					
	1917				
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.				
41.78	(40.00 chs. from cor. of secs. 12 and 13) Set an iron post, 3 ft. long, 1 in. diam., 15 ins. in the ground and 11 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 13, T. 17 N., R. 16 E., marked on brass cap				
	<table border="1"> <tr><td>$\frac{1}{4}$</td></tr> <tr><td>S13</td></tr> </table>	$\frac{1}{4}$	S13		
$\frac{1}{4}$					
S13					
	1917				
	and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.				
80.00	Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground and 4 ins. in a mound of stone, for cor. of secs. 18 and 19, T. 17 N., R. 16 E., marked on brass cap				

Survey of W. Bdy. of T. 17 N., R. 16 E.

BOOK 3366

Chains.

T17N
S18
S19
R16E

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high,
E. of cor.
Land, rolling.
Soil, 2nd rate.
No timber.
Undergrowth, scattering sage. Good grass.

1.78

SOUTH, on true line, on W. bdy. of sec. 19, T.17N.,R.16E.
Over rolling land, through scattering undergrowth.
(80.00 chs. from cor. of secs. 12 and 13) Set an iron post,
3 ft. long, 3 ins. diam., 20 ins. in the ground and 4
ins. in a mound of stone, for cor. of secs. 13 and 24,
T. 17 N., R. 15 E., marked on brass cap

T17N
S13
S24
R15E

1917

40.00

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground and 18 ins. in a mound of stone, for ¼ sec. cor.
of sec. 19, T. 17 N., R. 16 E., marked on brass cap

¼
S19

1917

41.78

and raise a mound of stone, 2 ft. base, 1½ ft. high,
E. of cor.
(40.00 chs. from cor. of secs. 13 and 24) Set an iron post,
3 ft. long, 1 in. diam., 4 ins. in the ground and 22 ins.
in a mound of stone, for ¼ sec. cor. of sec. 24, T.17N.,
R.15E., marked on brass cap

¼
S24

1917

80.00

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Set an iron post, 3 ft. long, 3 ins. diam., 24 ins. in the
ground, for cor. of secs. 19 and 30, T.17N.,R.16E.,
marked on brass cap

T17N
S19
S30
R16E

1917

and dig pits, 24x24x12 ins., NE. and SE. of post, 6 ft.
dist.
Land, rolling.
Soil, 2nd rate.
No timber.
Undergrowth, scattering sage. Good grass.

1.78

SOUTH, on true line, on W. bdy. of sec. 30, T.17N.,R.16E.
Over rolling land, through scattering undergrowth.
(80.00 chs. from cor. of secs. 13 and 24) Set an iron
post, 3 ft. long, 3 ins. diam., 24 ins. in the ground,
for cor. of secs. 24 and 25, T. 17 N., R. 15 E.,
marked on brass cap

T17N
S24
S25
R15E

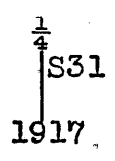
1917

Survey of W. Bdy. of T. 17 N., R. 16 E.

Chains.	and dig pits, 24x24x12 ins., NW. and SW. of post, 6 ft. dist.				
25.56 40.00	<p>Road, bears NE., to Winslow and Holbrook, and SW. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 30, T. 17 N., R. 16 E., marked on brass cap</p> <div style="text-align: center;"> $\frac{1}{4}$ S30 1917 </div> <p>and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.</p>				
41.78	<p>(40.00 chs. from cor. of secs. 24 and 25) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25, T. 17 N., R. 15 E., marked on brass cap</p> <div style="text-align: center;"> $\frac{1}{4}$ S25 1917 </div> <p>and dig pits, 18x18x12 ins. N. and S. of post, 3 ft. dist.</p>				
80.00	<p>Set an iron post, 3 ft. long, 3 ins. diam., 18 ins. in the ground and 6 ins. in a mound of stone, for cor. of secs. 30 and 31, T. 17 N., R. 16 E., marked on brass cap</p> <div style="text-align: center;"> <table border="1"> <tr><td>T17N</td></tr> <tr><td>S30</td></tr> <tr><td>S31</td></tr> <tr><td>R16E</td></tr> </table> 1917 </div> <p>and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.</p> <p>Land, rolling. Soil, 4th rate. No timber. Undergrowth, scattering sage. Good grass.</p>	T17N	S30	S31	R16E
T17N					
S30					
S31					
R16E					
<p>SOUTH, on true line, on W. bdy. of sec. 31, T. 17 N., R. 16 E. Over rolling land, through scattering undergrowth.</p>					
1.78	<p>(80.00 chs. from cor. of secs. 24 and 25) Set an iron post, 3 ft. long, 3 ins. diam., 14 ins. in the ground and 10 ins. in a mound of stone, for cor. of secs. 25 and 36, T. 17 N., R. 15 E., marked on brass cap</p> <div style="text-align: center;"> <table border="1"> <tr><td>T17N</td></tr> <tr><td>S25</td></tr> <tr><td>S36</td></tr> <tr><td>R15E</td></tr> </table> 1917 </div> <p>and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.</p>	T17N	S25	S36	R15E
T17N					
S25					
S36					
R15E					
40.00	<p>Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor. of sec. 31, T. 17 N., R. 16 E., marked on brass cap</p>				

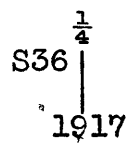
Survey of W. Bdy. of T. 17 N., R. 16 E.

Chains.



and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

41.78 (40.00 chs. from cor. of secs. 25 and 36) Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor. of sec, 36, T, 17 N., R. 15 E., marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

76.74 (74.96 chs. from cor. of secs. 25 and 36) Intersect the standard SE. cor. of T. 17 N., R. 15 E., reestablished on old 4th St. Par. N., as hereinbefore described.

80.00 Intersect the reestablished standard SW. cor. of T. 17 N., R. 16 E., described in Book K.

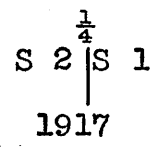
Land, rolling.
Soil, 4th rate.
No timber.
Undergrowth, scattering sage.
Good grass.

Subdivision of T. 17 N., R. 15 E.

From the cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp., described in Book A:

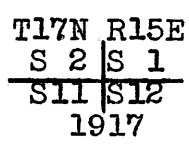
S.0°01'E., bet. secs. 1 and 2.
Over rolling land, through scattering undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on a ledge of rock, for ¼ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone on a rock ledge, for cor. of secs. 1, 2, 11 and 12, marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

52

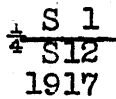
Subdivision of T. 17 N., R. 15 E.

Chains.

Land, rolling.
Soil, thin and sandy; 3rd and 4th rate.
No timber.
Undergrowth, sage. Good grazing.

40.00 EAST, on a random line bet. secs. 1 and 12.
Set temp. $\frac{1}{4}$ sec. cor.
80.18 Intersect E. bdy. of Tp. 9 lks. S. of the cor. of secs. 1 and 12, hereinbefore described.

40.09 Thence S.89°56'W., on a true line bet. secs. 1 and 12.
Over rolling land, through scattering underbrush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

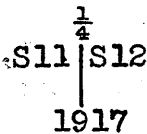


and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

80.18 The cor. of secs. 1, 2, 11 and 12.

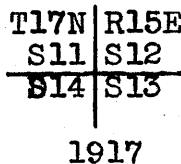
Land, rolling.
Soil, 2nd and 3rd rate.
No timber.
Undergrowth, sage and cactus. Good grazing.

12.25 S.0°01'E., bet. secs. 11 and 12.
Over rolling land, through scattering underbrush.
Wash, 50 lks. wide, course NW.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and 4 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone on rock ledge, for cor. of secs. 11, 12, 13 and 14, marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
Soil, 2nd and 3rd rate.
No timber.
Undergrowth, sage and cactus. Good grazing.

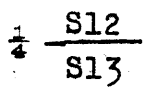
Subdivision of T. 17 N., R. 15 E.

Chains

40.00 EAST, on a random line, bet. secs. 12 and 13.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.28 Intersect E. bdy. of Tp. 10 lks. S. of the cor. of secs. 12 and 13, hereinbefore described.

Thence S.89°56'W., on a true line, bet. secs. 12 and 13, over rolling land, through scattering underbrush.

4.28 Wash, course SW.
 23.78 Wash, 60 lks. wide, course NW.
 40.14 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



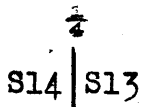
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.28 The cor. of secs. 11, 12, 13 and 14.

Land, rolling.
 Soil, 2nd and 3rd rate.
 No timber.
 Undergrowth, sage and cactus. Good grazing.

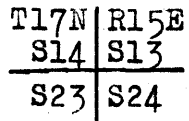
1.50 S.0°02'E., bet. secs. 13 and 14,
 over rolling land, through scattering undergrowth.
 40.00 Shallow wash, 50 lks. wide, course NW.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 13, 14, 23 and 24, marked on brass cap



1917

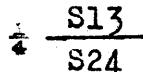
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
 Soil, 2nd and 3rd rate.
 No timber.
 Undergrowth, sage and cactus. Good grazing.

40.00 N.89°56'E.
 on a random line, bet. secs. 13 and 24.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect E. bdy. of Tp. 7 lks. N. of the cor. of secs. 13 and 24, hereinbefore described.

Chains

40.02 Thence S.89°59'W., on a true line, bet. secs. 13 and 24, over rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



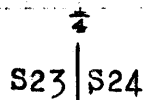
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

80.04 The cor. of secs. 13, 14, 23 and 24.

Land, rolling.
Soil, 2nd and 3rd rate.
No timber.
Undergrowth, sage and cactus. Good grazing.

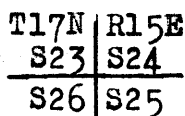
40.00 S.0°01'E., bet. secs. 23 and 24, over rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone on rock ledge, for cor. of secs. 23, 24, 25 and 26, marked on brass cap



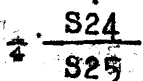
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.
Soil, thin and rocky; 2nd and 3rd rate.
No timber.
Undergrowth, sage and cactus. Good grazing.

40.00 N.89°59'E.
80.06 on a random line, bet. secs. 24 and 25.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect E. bdy. of Tp. 2 lks. S. of the cor. of secs. 24 and 25, hereinbefore described.

40.03 Thence S.89°58'W., on a true line, bet. secs. 24 and 25, over rolling land, through scattering undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

Subdivision of T. 17 N., R. 15 E.

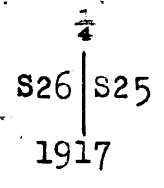
Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

80.06 The cor. of secs. 23, 24, 25 and 26.

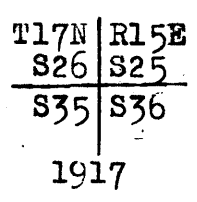
Land, rolling.
Soil, 2nd and 3rd rate.
No timber.
Undergrowth, sage, cactus and rabbit brush. Good grazing.

40.00 S.0°01'E., bet. secs. 25 and 26, over rolling land, through scattering low undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.
Soil, rocky; 2nd and 3rd rate.
No timber.
Undergrowth, rabbit brush, sage and cactus. Good grazing.

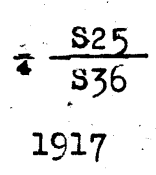
40.00 N.89°58'E., EAST, on a random line, bet. secs. 25 and 36.

79.92 Set temp. 1/4 sec. cor. Intersect E. bdy. of Tp. 5 lks. S. of the cor. of secs. 25 and 36, hereinbefore described.

33.22 Thence S.89°56'W., on a true line, bet. secs. 25 and 36, over rolling land, through scattering undergrowth. Road, bears N. and S.

38.92 Wash, 10 lks. wide, 2 ft. deep, course NW.

39.96 Set an iron post, 3 ft. long, 1 in. diam., 24 ins. in the ground, for 1/4 sec. cor., marked on brass cap



from which
A cedar, 10 ins. diam., bears N.6°45'W., 226 lks. dist., marked 1/4 S25 BT.
A cedar, 12 ins. diam., bears S.33°15'W., 21 lks. dist., marked 1/4 S36 BT.

79.92 The cor. of secs. 25, 26, 35 and 36.

Chains

from which
 A cedar, 8 ins. diam., bears N.66°45'W., 141 lks. dist., marked T17N R15E S3 WC.BT.
 A cedar, 8 ins. diam., bears N.60°15'E., 183 lks. dist., marked T17N R15E S2 WC.BT.
 No other bearing trees available. Raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
 (approximate) Bottom of Clear Creek Canyon, course ENE.
 Land, rolling.
 Soil, loose sandy loam 2 to 6 ins. deep over limestone, with outcropping limestone ledges; 3rd and 4th rate.
 Timber, a few cedars.
 Undergrowth, sage, cactus and rabbit-brush. Good grazing.

80.00

40.00

65.00

The point for cor. of secs. 2, 3, 10 and 11 being inaccessible, proceed to the cor. of secs. 1, 2, 11 and 12.

Thence WEST, on a random line, bet. secs. 2 and 11.

Set temp. ¼ sec. cor.

Obtain distance to true point for cor. of secs. 2, 3, 10 and 11, inaccessibly located in Clear Creek Canyon, as follows:

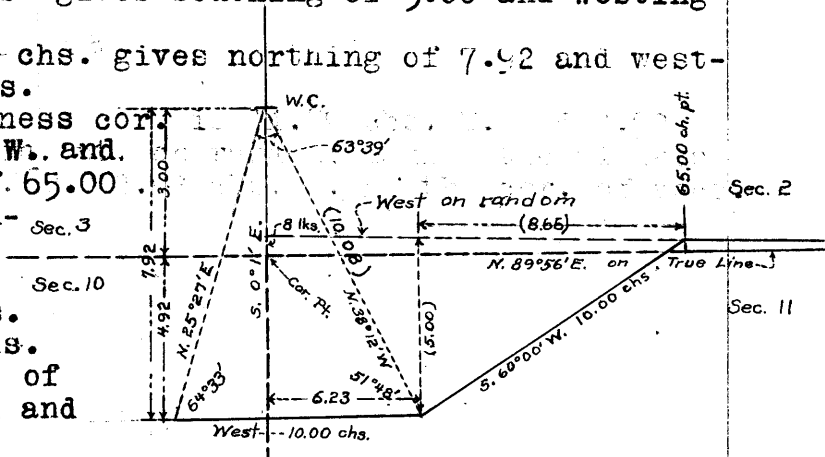
From 65.00 ch. pt. measure S.60°W., 10.00 chs., to a point whence a flag on the witness cor. to the cor. of secs. 2, 3, 10 and 11 bears N.38°12'W.

Thence WEST, 10.00 chs., to a point whence flag bears N.25°27'E. Solving this triangle, the distance from first point on traverse to witness cor. is $10.00 \times \sin 64°33' \div \sin 63°39' = 10.00 \times .90296 \div .89610 = 10.08$ chs.

S.60°W., 10.00 chs. gives southing of 5.00 and Westing of 8.66 chs.

N.38°12'W., 10.08 chs. gives northing of 7.92 and westing of 6.23 chs.

Therefore the witness cor. is 14.89 chs. W. and 2.92 chs. N. of 65.00 ch. pt. on random; making the witness cor. 79.89 chs. W. and 2.92 chs. N. of the cor. of Secs. 1, 2, 11 and 12.



79.89

Line due W. from the cor. of secs. 1, 2, 11 and 12 intersects N. and S. line 8 lks. N. of the true point for cor. of secs. 2, 3, 10 and 11.

by triangulation, Thence N.89°56'E., on a true line, bet. secs. 2 and 11, ascending out of Clear Creek Canyon, which is 250 ft. deep with precipitous walls; course N.60°E.

14.90

S. rim of Clear Creek Canyon, bears N.60°E. and S.60°W. Thence over broken and rolling land, through scattering low underbrush. Continue line by chaining.

39.94½

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., marked on brass cap

S 2
 S11

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

60.00

Desc. over W. rim of small canyon.

61.50

Bottom of same, course N. Asc. E. side.

63.00

E. rim of same, bears N. and SE.

18

Subdivision of T. 17 N., R. 15 E.

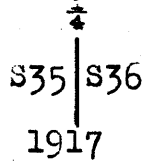
Chains

Land, rolling.
Soil, 2nd and 3rd rate.
Timber, a few cedar trees.
Undergrowth, rabbit-brush, sage and cactus. Good grazing.

40.00 S.0°01'E., on a random line, bet. secs. 35 and 36.
Set temp. ¼ sec. cor.

74.60 Intersect S. bdy. of Tp., (4th St. Par. N.) 10 lks. E.
of the reestablished standard cor. of secs. 35 and 36,
hereinbefore described.

34.60 Thence N.0°03'E., on a true line, bet. secs. 35 and 36,
over rolling land, through scattering low underbrush.
Set an iron post, 3 ft. long; 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., marked on brass cap



45.70 and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.

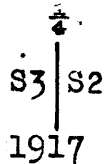
74.60 Road, bears NE. and SW.
The cor. of secs. 25, 26, 35 and 36.

Land, rolling.
Soil, thin and rocky; 2nd to 4th rate.
No timber.
Undergrowth, rabbit-brush, cactus and sage. Good grazing.

From the cor. of secs. 2, 3, 34 and 35, on N. bdy. of Tp.,
described in Book A;

40.00 S.0°01'E., bet. secs. 2 and 3,
over rolling land, through scattering low underbrush and
timber.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, for ¼ sec. cor., marked on brass cap .



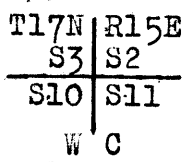
from which
A cedar, 24 ins. diam., bears N.80°E., 146 lks. dist.,
marked ¼ S2 BT.

77.30 No other bearing trees available. Raise a mound of
stone, 2 ft. base, 1½ ft. high, W. of cor.

N. edge of Clear Creek Canyon, bears NE. and SW. Precip-
itous walls 250 ft. high.

Point for cor. of secs. 2, 3, 10 and 11 falls in canyon,
where it is impracticable to establish a monument.
Therefore at

77.00 Set an iron post, 3 ft. long, 3 ins. diam., in a mound of
stone, for witness cor. to cor. of secs. 2, 3, 10 and
11, marked on brass cap



58

Chains

- 66.90 Desc. over rim of canyon; bears N.80°E. and S.80°W.
- 68.55 Bottom of same, course S.80°W. Asc. along S. side.
- 74.00 S. rim of canyon, bears S.80°W. and N.85°E. Thence along edge.
- 75.00 Desc. over rim of canyon, bears N.85°W. and S.
- 77.00 Bottom of same, course N. Asc. E. side.
- 78.40 E. rim of same, bears N. and S. Thence over rolling land.
- 79.89 The cor. of secs. 1, 2, 11 and 12.

Land, rolling and broken.
Soil, thin and sandy; 2nd to 4th rate.
No timber.
Undergrowth, sage and rabbit-brush. Good grazing.

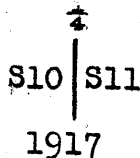
(See diagram on page 19)

The 6.23 ch. pt. on 2nd course of traverse on random line bet. secs. 2 and 11, hereinbefore described, is S.0°1'E. 7.92 - 3.00, = 4.92 chs. from the true point for the cor. of secs. 2, 3, 10 and 11. From this point measure 2.02 chs. N.0°01'W. to point 2.90 chs. S.0°1'E. of pt. for sec. cor.

- 2.90 (S.0°01'E. from sec. cor.) S. rim of Clear Creek Canyon, bears E. and W.

Thence S.0°01'E., bet. secs. 10 and 11, (counting measurement from pt. for sec. cor.) over rolling land, through scattering low underbrush and scrub cedar.

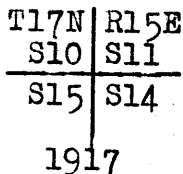
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and 4 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

- 75.00 Leave timber, bears N. and S.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground and 6 ins. in a mound of stone, for cor. of secs. 10, 11, 14 and 15, marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
Soil, thin and sandy; 2nd to 4th rate.
Timber, cedar.
Undergrowth, sage and rabbit-brush. Good grazing.

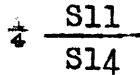
- 40.00 EAST, on a random line, bet. secs. 11 and 14.
- 79.96 Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 5 lks. N. of the cor. of secs. 11, 12, 13 and 14.

Thence N.89°58'W., on a true line, bet. secs. 11 and 14, over rolling land, through scattering low underbrush.

Subdivision of T. 17 N., R. 15 E.

Chains

2.45 Wash, 75 lks. wide, course NW.
39.98 Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground and 4 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

79.96 The cor. of secs. 10, 11, 14 and 15.

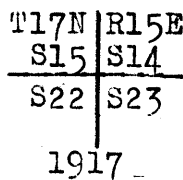
Land, rolling.
Soil, thin and sandy; 2nd to 4th rate.
No timber.
Undergrowth, sage and rabbit-brush. Good grazing.

40.00 S.0°01'E., bet. secs. 14 and 15, over rolling land, through scattering low underbrush. Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground and 6 ins. in a mound of stone, for cor. of secs. 14, 15, 22 and 23, marked on brass cap



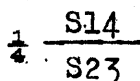
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
Soil, thin and sandy; 2nd to 4th rate.
No timber.
Undergrowth, rabbit-brush and sage. Good grazing.

40.00 EAST, on a random line, bet. secs. 14 and 23. Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line 3 lks. N. of the cor. of secs. 13, 14, 23 and 24.

40.05 Thence N.89°59'W., on a true line, bet. secs. 14 and 23, over rolling land, through scattering low underbrush. Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

22

Subdivision of T. 17 N., R. 15 E.

Chains

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

80.10 The cor. of secs. 14, 15, 22 and 23.

Land, rolling.
Soil, 2nd to 4th rate.
No timber.
Undergrowth, sage and rabbit-brush. Good grazing.

40.00 S.0°01'E., bet. secs. 22 and 23,
over rolling land, through scattering low underbrush.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$
 S22 | S23
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

42.75 Desc. over N. rim of small canyon, bears E. and W.

44.80 Bottom of canyon, course NW. Asc. S. side.

46.00 S. rim of same.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the
ground and 6 ins. in a mound of stone, for cor. of secs.
22, 23, 26 and 27, marked on brass cap

T17N | R15E
 S22 | S23
 S27 | S26
 1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

Land, rolling.
Soil, 2nd to 4th rate.
No timber.
Undergrowth, rabbit-brush and sage. Good grazing.

40.00 EAST, on a random line, bet. secs. 23 and 26.

Set temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect N. and S. line 15 lks. N. of the cor. of secs.
23, 24, 25 and 26.

Thence N.89°54'W., on a true line, bet. secs. 23 and 26,
over rolling land, through scattering low underbrush.

34.00 Enter scattering scrub cedar timber; bears NW. and SE.

40.08 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone on bed rock, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S23
 S26

1917

from which

A cedar, 6 ins. diam., bears N.34°E., 66 lks. dist.,
marked $\frac{1}{4}$ S23 BT.

A cedar, 6 ins. diam., bears S.67 $\frac{1}{2}$ °W., 77 lks. dist.,
marked $\frac{1}{4}$ S26 BT.

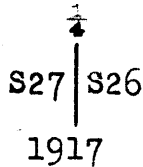
Subdivision of T. 17 N., R. 15 E.

Chains

- 41.00 Desc. over E. rim of small canyon, bears NW. and SE.
- 42.50 Bottom of same, course NW. Asc. W. side.
- 45.50 W. rim of same, bears NW. and SE.
- 75.00 Leave timber, bears NW. and SE.
- 80.16 The cor. of secs. 22, 23, 26 and 27.

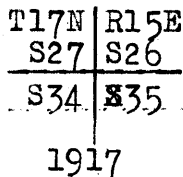
Land, rolling.
Soil, thin and rocky; 2nd to 4th rate.
Timber, cedar.
Undergrowth, rabbit-brush and sage. Good grazing.

- 40.00 S.0°01'E., bet. secs. 26 and 27,
over nearly level land, through scattering low underbrush.
Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground and 14 ins. in a mound of stone, for cor. of secs.
26, 27, 34 and 35, marked on brass cap



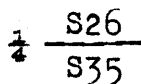
and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.

Land, nearly level.
Soil, thin and sandy; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

- 40.00 EAST, on a random line, bet. secs. 26 and 35.
Set temp. $\frac{1}{4}$ sec. cor.
- 80.30 Intersect N. and S. line 8 lks. N. of the cor. of secs.
25, 26, 35 and 36.

Thence N.89°57'W., on a true line, bet. secs. 26 and 35,
over nearly level land, through scattering low under-
growth.

- 40.15 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
N. of cor.

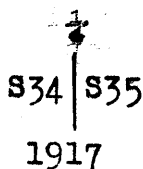
- 53.80 Wash, 5 lks. wide, 1 ft. deep, course N.
- 80.30 The cor. of secs. 26, 27, 34 and 35.

Chains

Land, nearly level.
Soil, 2nd to 4th rate.
No timber.
Undergrowth, rabbit-brush and sage. Good grazing.

S.0°13'E., (the reestablished standard cor. of secs. 34 and 35, on 4th St. Par. N. being visible,) on a true line, bet. secs. 34 and 35, over level land, through scattering low undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

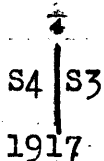
52.90 Road, bears NE. and SW.
74.38 Intersect S. bdy. of Tp., (4th St, Par. N.,) at the reestablished standard cor. of secs. 34 and 35, hereinbefore described.

Land, level.
Soil, thin and sandy; 2nd to 4th rate.
No timber.
Undergrowth, sage and rabbit-brush. Good grazing.

From the cor. of secs. 3, 4, 33 and 34, on N. bdy. of Tp., hereinbefore described; in book "A".

S.0°02'E., bet. secs. 3 and 4, over rolling land, through scattering scrub timber.

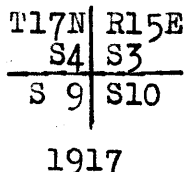
40.00 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



from which
A cedar, 6 ins. diam., bears S.27°E., 247 lks. dist., marked $\frac{1}{4}$ S3 BT.
A cedar, 4 ins. diam., bears N.48°W., 245 lks. dist., marked $\frac{1}{4}$ S4 BT.

75.00 Leave timber, bears E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 3, 4, 9 and 10, marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

LOC 3866

Subdivision of T. 17 N., R. 15 E.

Chains.

Land, rolling.
Soil, loose sandy loam, 2 to 6 ins. deep over limestone, with outcropping limestone ledges; 3rd and 4th rate.
Timber, scrub cedar.
Undergrowth, sage. Good grazing.

40.00 EAST, on a random line, bet. secs. 3 and 10.
Set temp. $\frac{1}{4}$ sec. cor.

As the E. end of this line will be in an inaccessible location in Clear Creek Canyon, offset as follows:

North, 10.00 chs; thence
East, 40.02 chs; thence
South, 10.00 chs. to point
on random line projected to

80.02 Fall 2 lks. N. of the point for cor. of secs. 2, 3, 10 and 11.

Thence, offset as follows:

North, 10.00 chs., ascending out of Clear Creek Canyon. thence, N. 89° 59' W., 40.01 chs. on offset line in sec. 3, parallel to true line bet. sec. 3 and 10. Over rolling land, thru scattering undergrowth

40.01 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

$\frac{1}{4}$ S 3
S10
1917

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

Thence, N. 89° 59' W., on true line bet. secs. 3 and 10, continuing measurement.

80.02 The cor. of secs. 3, 4, 9 and 10.

Land, rolling on W. 59 chs., broken in canyon.
Soil, loose sandy loam, 1 to 24 ins. deep over limestone, with outcropping limestone ledges; 3rd to 4th rate.
Timber, a few cedars.
Undergrowth, sage.
Good Grazing.

40.00 S. 0° 02' E., bet. secs. 9 and 10.
Over rolling land, through scattering low undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap

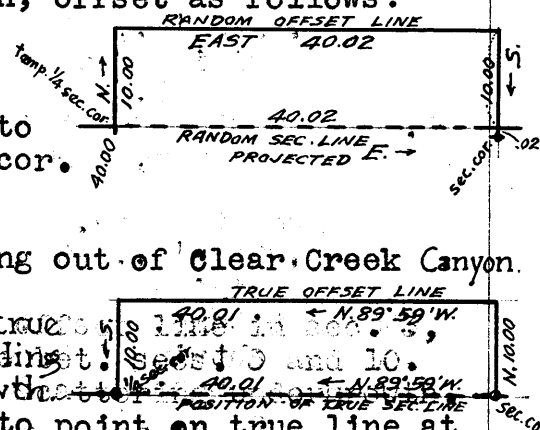
$\frac{1}{4}$
S 9 | S10
1917

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 9; 10, 15 and 16, marked on brass cap

T17N | R15E
S 9 | S10
S16 | S15

1917



Subdivision of T. 17 N., R. 15 E.

Chains.

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.
Soil, loose sandy loam, 1 to 24 ins. deep over limestone, with outcropping limestone ledges; 2nd to 4th rate.
Timber, a few cedars.
Good grazing.

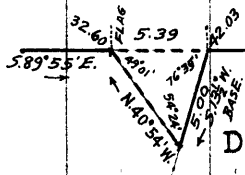
32.60 S.89°55'E., (the cor. of secs. 10, 11, 14 and 15 being visible) on a random line for distance, bet. secs. 10 and 15.

Set flag for triangulation on W. side of Clear Creek Canyon, across which chaining is impracticable.

From the cor. of secs. 10, 11, 14 and 15, N.89°55'W., (the cor. of secs. 9, 10, 15 and 16 being visible) on a random line bet. secs. 10 and 15.

40.00 Set temp. ¼ sec. cor.

42.03 To obtain distance across Clear Creek Canyon, measure a base S.13°30'W., 5.00 chs., to a point whence flag on W. side of canyon bears N.40°54'W.; which gives for the distance, $5.00 \times \sin 54^\circ 24' \div \sin 49^\circ 01' = 5.00 \times .81310 \div .7549 = 5.39$ chs., making distance to flag 42.03 plus 5.39 = 47.42 chs.



Distance for whole mile is therefore 32.60 plus 47.42 = 80.02 chs.

From the cor. of secs. 10, 11, 14 and 15, N.89°55'W., on a true line, bet. secs. 10 and 15. Over rolling land, through scattering low undergrowth.

35.00 Enter scattering scrub timber, bears N. and S.

40.01 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone on ledge of rock, for ¼ sec. cor., marked on brass cap

$$\frac{1}{4} \frac{S10}{S15}$$

1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

42.03 E. rim of Clear Creek Canyon, bears N. and S., Perpendicular impassible walls; course of canyon N.

45.00 (approximate) Bottom of Clear Creek Canyon, course N.

47.42 W. rim of Clear Creek Canyon, bears N. and S. Thence over rolling land.

80.02 The cor. of secs. 9, 10, 15 and 16.

Land, rolling; broken by Clear Creek Canyon.
Soil, thin and sandy; 2nd to 4th rate.
Timber, a few cedars.
Undergrowth, sage. Good grazing.

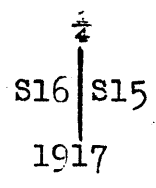
28.00 S.0°02'E., bet. secs. 15 and 16. Over rolling land, through scattering low undergrowth. Asc. small bench, 10 ft. high; bears E. and W. Thence through scattering cedar.

38.50 Desc. over low bench, 10 ft. high, bears E. and W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap

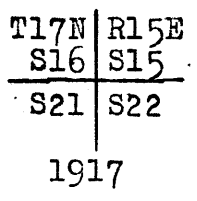
Subdivision of T. 17 N., R. 15 E.

Chains



from which
 A cedar, 4 ins. diam., bears N. 3° E., 182 lks. dist., marked $\frac{1}{4}$ S15 BT.
 A cedar, 8 ins. diam., bears N. 31 $\frac{1}{4}$ W., 166 lks. dist., marked $\frac{1}{4}$ S16 BT.

- 63.00 Desc. 45 ft.
- 65.30 Wash, 10 lks. wide, course E. Asc. 45 ft.
- 68.00 Top of slope. Thence over rolling land.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, for cor. of secs. 15, 16, 21 and 22, marked on brass cap

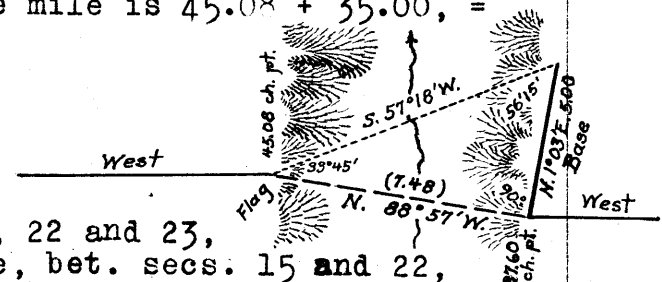


from which
 A cedar, 6 ins. diam., bears N. 89° W., 250 lks. dist., marked T17N R15E S16 BT.
 No other bearing trees available. Raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
 Soil, loose sandy loam 2 to 20 ins. deep over limestone; with outcropping limestone ledges; 2nd to 4th rate.
 Timber, cedar.
 Undergrowth, sage. Good grazing.

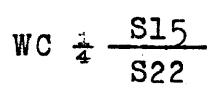
- 35.00 EAST, on a random line, bet. secs. 15 and 22. Set flag for triangulation, on W. rim of Clear Creek Canyon.

From the cor. of secs. 14, 15, 22 and 23,
 WEST, on a random line, bet. secs. 15 and 22:
 37.60 From this point flag on W. rim of Clear Creek Canyon bears N. 88° 57' W. Obtain distance across canyon as follows:
 Measure a base 5.00 chs. N. 1° 03' E., to a point whence flag bears S. 57° 18' W.; which gives for the distance 5.00 x tan 56° 15', = 5.00 x 1.49661, = 7.48 chs.; making total distance to flag, 37.60 + 7.48, = 45.08 chs.
 The northing of the triangulated distance is 13 lks., and the distance for the whole mile is 45.08 + 35.00, = 80.08 chs.



- From the cor. of secs. 14, 15, 22 and 23, N. 89° 54' W., on a true line, bet. secs. 15 and 22, over rolling land; through scattering low undergrowth.
- 38.35 Desc. over E. rim of Clear Creek Canyon; bears N. and S.
- 40.04 Point for $\frac{1}{4}$ sec. cor. falls in canyon, inaccessibly located.

- 39.08 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,

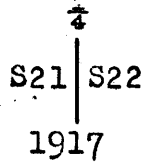
Chains

N. of cor.

- 41.10 Clear Creek, stream of clear water, 40 lks. wide, 3 ft. deep; course N. Asc. W. side of canyon.
- 45.00 W. rim of canyon, bears N. and S.
- 80.08 The cor. of secs. 15, 16, 21 and 22.

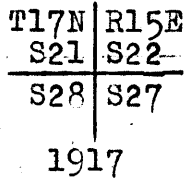
Land, rolling; broken by Clear Creek Canyon.
 Soil, thin and sandy; 2nd to 4th rate.
 No timber.
 Undergrowth, sage. Good grazing.

- 40.00 S.0°02'E., bet. secs. 21 and 22, over rolling land, through scattering low underbrush. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 21, 22, 27 and 28, marked on brass cap



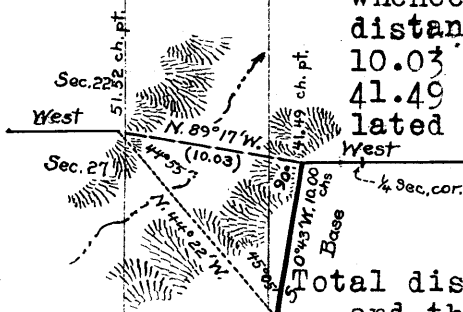
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.
 Soil, loose sandy loam, 2 to 10 ins. deep, over limestone; with outcropping limestone ledges; 3rd and 4th rate.
 No timber.
 Undergrowth, sage. Good grazing.

- 28.40 EAST, on a random line, bet. secs. 22 and 27. Set flag for triangulation across Clear Creek Canyon, which is impassable at this point.

From the cor. of secs. 22, 23, 26 and 27, WEST, on a random line, bet, secs. 22 and 27.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 41.49 From this point flag on W. side of Clear Creek Canyon bears N.89°17'W. Obtain distance across as follows: Measure a base S.0°43'W., 10.00 chs., to a point whence flag bears N.44°22'W.; which gives for the distance $10.00 \times \tan 45°05'$, = 10.00×1.00291 , = 10.03 chs. Therefore total distance to flag is $41.49 + 10.03$, = 51.52 chs. The northing for triangulated distance is 0.13 lks.



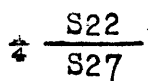
Total distance for mile is $28.40 + 51.52$, = 79.92 chs., and the falling of random E. from the cor. of secs.

Subdivision of T. 17 N., R. 15 E.

Chains

21, 22, 27 and 28, to the cor. of secs. 22, 23, 26 and 27 is 13 lks. N.

39.96 N. 89° 54' W., on a true line, bet. secs. 22 and 27, over rolling land, through scattering low undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

41.50 E. rim of Clear Creek Canyon, bears NE. and SW.; perpendicular impassable walls, 250 ft. high.

46.50 Bottom of same, course NE.

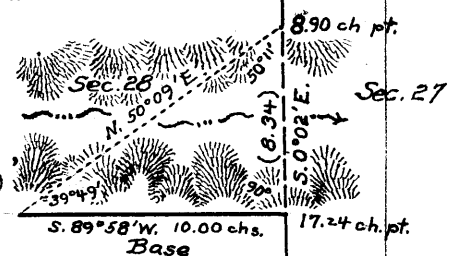
51.45 W. rim of same, bears NE. and SW.

79.92 The cor. of secs. 21, 22, 27 and 28.

Land, rolling; broken in Clear Creek Canyon. Soil, 2nd to 4th rate. No timber. Undergrowth, sage. Fair grass.

8.90 S. 0° 02' E., bet. secs. 27 and 28, over rolling land, through scattering low undergrowth. N. rim of Clear Creek Canyon; perpendicular, impassable walls, 250 ft. high, bearing E. and W.

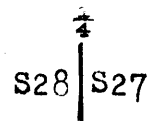
Obtain distance across as follows: Leave a flag and from a station on line on S. side of canyon, measure a base S. 89° 58' W., 10.00 chs., to a point whence flag bears N. 50° 9' E. which gives for the distance, 10.00 x cotan 50° 11', = 10.00 x .83366, = 8.34 chs.; making total distance to point on S. side of canyon, 8.90 + 8.34 = 17.24 chs.



13.75 (approximate) Bottom of Clear Creek Canyon, course E.

17.24 S. rim of canyon, bears E. and W. Course of canyon, E. Thence over rolling land.

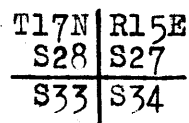
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 27, 28, 33 and 34, marked on brass cap



1917

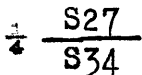
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling; broken in Clear Creek Canyon. Soil, 2nd to 4th rate. No timber. Undergrowth, sage. Good grazing.

Chains

40.00 EAST, on a random line, bet. secs. 27 and 34.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.18 Intersect N. and S. line 11 lks. N. of the cor. of secs.
 26, 27, 34 and 35.

40.09 Thence N. $89^{\circ}55'W.$, on a true line, bet. secs. 27 and 34,
 over rolling land, through scattering low undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

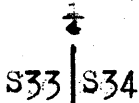
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

80.18 The cor. of secs. 27, 28, 33 and 34.

Land, slightly rolling.
 Soil, thin and sandy; 2nd to 4th rate.
 No timber.
 Undergrowth, soap-weed and sage. Good grazing.

40.00 S. $0^{\circ}02'E.$, on a random line, bet. secs. 33 and 34.
 Set temp. $\frac{1}{4}$ sec. cor.
 74.17 Intersect S. bdy. of Tp., (4th St. Par. N.) 35 lks. W.
 of the reestablished standard cor. of secs. 33 and 34,
 hereinbefore described.

34.17 Thence N. $0^{\circ}18'W.$, on a true line, bet. secs. 33 and 34,
 over slightly rolling land, through scattering low
 undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.

74.17 The cor. of secs. 27, 28, 33 and 34.

Land, rolling.
 Soil, rocky and sandy; 2nd to 4th rate.
 No timber.
 Undergrowth, soap-weed and sage. Good grazing.

From the cor. of secs. 4, 5, 32 and 33, on N. bdy. of Tp.,
 described in Book A;

40.00 S. $0^{\circ}02'E.$, bet. secs. 4 and 5,
 over rolling land, through scattering low undergrowth,
 among occasional cedars.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



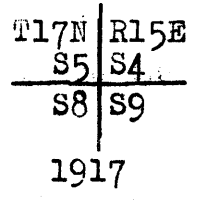
1917

Subdivision of T. 17 N., R. 15 E.

Chains

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground and 8 ins. in a mound of stone, for cor. of secs. 4, 5, 8 and 9, marked on brass cap



and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Land, rolling.
Soil, sandy loam, 1 to 20 ins. deep, over limestone; with outcropping limestone ledges; 2nd to 4th rate.
Timber, a few cedars on N. half of line.
Undergrowth, sage. Good grazing.

40.00 EAST, on a random line, bet. secs. 4 and 9.
Set temp. ¼ sec. cor.

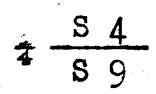
79.98 Intersect N. and S. line 3 lks. N. of the cor. of secs. 3, 4, 9 and 10.

Thence N.89°59'W., on a true line, bet. secs. 4 and 9, over rolling land, through scattering low underbrush.

37.00 Asc. over low bench 10 ft. high.

38.23 Road, bears NE. and SW.

39.99 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap



1917

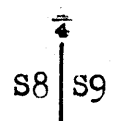
and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor.

79.98 The cor. of secs. 4, 5, 8 and 9.

Land, rolling.
Soil, loose sandy loam, 1 to 10 ins. deep, over limestone; with outcropping limestone ledges; 3rd and 4th rate.
No timber.
Undergrowth, sage. Good grazing.

40.00 S.0°02'E., bet. secs. 8 and 9, over rolling land, through scattering low undergrowth.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground, and 14 ins. in a mound of stone, for ¼ sec. cor., marked on brass cap



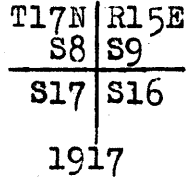
1917

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of

Chains

stone, for cor. of secs. 8, 9, 16 and 17, marked on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.

Soil, loose sandy loam, 1 to 12 ins. deep, over limestone; with outcropping limestone ledges; 3rd and 4th rate.

No timber.

Undergrowth, sage. Good grazing.

40.00
79.96

S.89°59'E., on a random line, bet. secs. 9 and 16.

Set temp. 1/4 sec. cor.

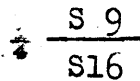
Intersect N. and S. line 2 lks. S. of the cor. of secs. 9, 10, 15 and 16.

18.56
39.98

Thence WEST, on a true line, bet. secs. 9 and 16, over rolling land, through scattering low undergrowth.

Road, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground and 14 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

47.00
79.96

Asc. 15 ft. over low bench; bears N. and S.

The cor. of secs. 8, 9, 16 and 17.

Land, rolling.

Soil, loose, sandy loam, 1 to 12 ins. deep, over limestone; with outcropping limestone ledges; 3rd and 4th rate.

No timber.

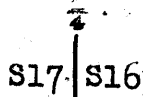
Undergrowth, sage. Good grazing.

28.10
40.00

S.0°02'E., bet. secs. 16 and 17, over rolling land, through scattering low undergrowth.

Road, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap

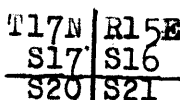


1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins in the ground and 18 ins. in a mound of stone, for cor. of secs. 16, 17, 20 and 21, marked on brass cap



Subdivision of T. 17 N., R. 15 E.

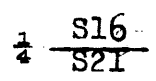
Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.
Soil, loose sandy loam, 1 to 8 ins. deep over limestone; with outcropping limestone ledges; 3rd and 4th rate.
No timber.
Undergrowth, sage. Good grazing.

40.00 EAST, on a random line, bet. secs. 16 and 21.
79.96 Set temp. 1/4 sec. cor.
Intersect N. and S. line at the cor. of secs. 15, 16, 21 and 22.

Thence WEST, on a true line, bet. secs. 16 and 21, and cedar over rolling land, through scattering low undergrowth.
5.15 Draw, course N.
6.00 Leave cedars, bearing N. and S.
36.25 Draw, course NE.
39.98 Set an iron post, 3 ft. long, 1 in. in diam., in a mound of stone, for 1/4 sec. cor., marked on brass cap

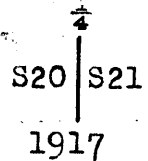


1917

79.96 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
The cor. of secs. 16, 17, 20 and 21.

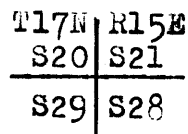
Land, rolling.
Soil, loose sandy loam, 1 to 12 ins. deep over limestone; with outcropping limestone ledges; 3rd and 4th rate.
Timber, cedar, where indicated.
Undergrowth, sage. Good grazing.

7.30 S.0°02'E., bet. secs. 20 and 21,
40.00 over rolling land, through very scattering low undergrowth.
Draw, course E.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for 1/4 sec. cor., marked on brass cap



and raise a mound of stone 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, marked on brass cap



1917

and dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.

Chains

Land, rolling.
 Soil, loose sandy loam, 1 to 24 ins. deep over limestone;
 with outcropping limestone ledges; 2nd to 4th rate.
 No timber.
 Undergrowth, sage. Good grazing.

EAST, on a random line, bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

44.40 Left edge of Clear Creek Canyon, impassable on line.

Obtain distance across as follows:
 Set a flag on line on E. side of
 canyon, and measure a base North
 8.00 chs., to a point whence the
 flag bears S.62°46'E., which gives
 for the distance, $8.00 \times \tan$
 $62^\circ 46'$, = 8.00×1.94301 , = 15.54
 chs.; making total distance to
 flag, $44.40 + 15.54$, = 59.94 chs.

59.94 Continue measurement with steel tape.

79.94 Intersect N. and S. line 2 lks. N. of the cor. of secs. 21, 22, 27 and 28.

Thence N.89°59'W., on a true line, bet. secs. 21 and 28,
 over rolling land, through very scattering low under-
 undergrowth, and scrub cedar.

20.00 Left edge of Clear Creek Canyon, bears NW. and SE.; very precipitous walls. Thence across bend in canyon.

35.54 Left edge of canyon, bears NE. and SW. Thence over rolling land.

39.97 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for 1/4 sec. cor., marked on brass cap

$$\frac{S21}{\frac{1}{4} S28}$$

1917

from which

A cedar, 4 ins. diam., bears N.69°E., 425 lks. dist., marked 1/4 S21 BT.

A cedar, 6 ins. diam., bears S.47°W., 85 lks. dist., marked 1/4 S28 BT.

79.94 The cor. of secs. 20, 21, 28 and 29.

Land, rolling.
 Soil, loose sandy loam, 2 to 24 ins. deep over limestone;
 with outcropping limestone ledges; 2nd to 4th rate.
 Timber, a few cedars along canyon.
 Undergrowth, sage. Good grazing.

S.0°02'E., bet. secs. 28 and 29, over rolling land, through scattering low undergrowth.

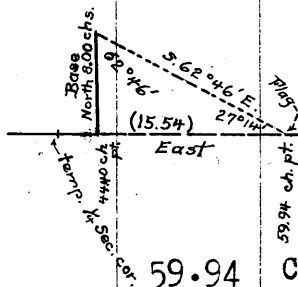
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

$$\frac{\frac{1}{4}}{S29 | S28}$$

1917

and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, marked on brass cap



Chains

T17N	R15E
S29	S28
S32	S33

1917

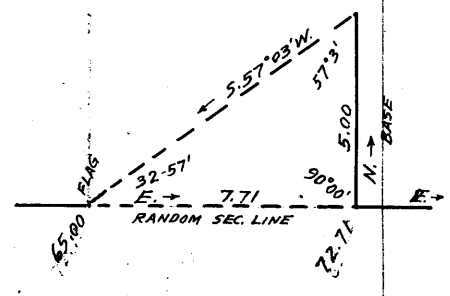
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.
Soil, loose sandy loam, 2 to 24 ins. deep over limestone; with outcropping limestone ledges; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

EAST, on a random line, bet. secs. 28 and 33.

40.00
65.00

Set temp. 1/4 sec. cor.
Obtain distance across Clear Creek Canyon, which is impassable on line, as follows:
Leave a flag, and from a point on line on E. side of canyon, measure a base North, 5.00 chs., to a point whence flag bears S.57°3'W.; which gives for the distance, $5.00 \times \tan 57^\circ 3'$, = 7.71 chs., making total distance to point on E. side of canyon, 65.00 + 7.71, = 72.71 chs.



72.71
80.00

Continue measurement with steel tape.
Intersect N. and S. line 12 lks. N. of the cor. of secs. 27, 28, 33 and 34.

7.50

Thence N.89°55'W., on a true line, bet. secs. 28 and 33, over rolling land, through scattering low undergrowth. E. rim of Clear Creek Canyon, perpendicular impassable walls, bearing N. and SW.

11.00
15.00

Bottom of same, course N.
W. rim of same, bears N. and SW.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap

S28
S33

1917

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

80.00

The cor. of secs. 28, 29, 32 and 33.

Land, rolling, broken by Clear Creek Canyon.
Soil, 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

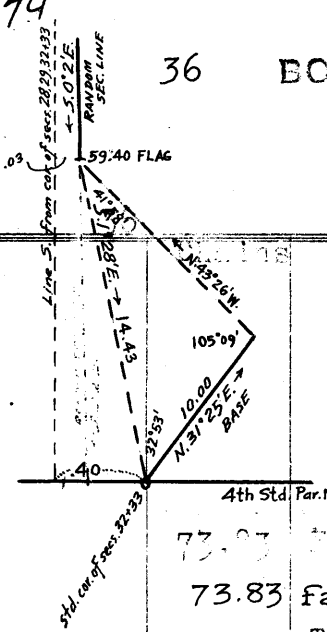
40.00
59.40

S.0°02'E., on a random line, bet. secs. 32 and 33.
Set temp. 1/4 sec. cor.

Obtain distance across Clear Creek Canyon, which is impassable on line, as follows:
Leave a flag, from which the standard cor. of secs. 32 and 33, on S. bdy. of T., (4th St. Par. N.) reestablished as hereinbefore described, bears S.1°28'E. From the standard cor., measure a base, 10.00 chs.

see diagram on page 36

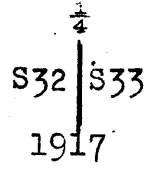
Subdivision of T. 17 N., R. 15 E.



N.31°25'E., to a point from which flag bears N.43°28'W., which gives for the distance, base x sin 105°09', + sin 41°58', or 10.00 x .96524 + .66870, = 14.43 chs.; making the total distance S. to the 4th Std. Parallel N.; 59.40 + 14.43, = 73.83 chs. The easting of line from 59.40 ch. pt. to the standard cor. is 37 lks., which, added to 3 lks. (easting of 59.40 ch. point) gives 40 lks. as the total easting of line bet. secs. 32 and 33, therefore, a line run due South from cor. of secs. 28, 29, 32 and 33 will intersect the 4th Std. Par. N. at 73.83 falling 40 lks. W. of reestablished std. cor. of secs. 32 and 33, hereinbefore described.

73.83
73.83
68.00
14.00
33.83

Thence, N.0°17'W., on a true line, bet. secs. 32 and 33, Desc. into Clear Creek Canyon.
Bottom of same, course NE.
N. edge of same; bears NE. and SW. Thence over rolling land, through scattering low undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

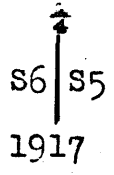
73.83 The cor. of secs. 28, 29, 32 and 33.

Land, rolling; broken by Clear Creek Canyon.
Soil, 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

From the cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp., described in Book A;

40.00

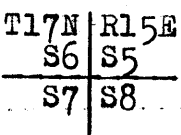
S.0°03'E., bet. secs. 5 and 6, over rolling land; through scattering low undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, marked on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

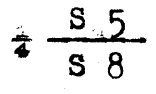
Land, rolling.
Soil, loose sandy loam, 1 to 24 ins. deep, over limestone; with exposed limestone ledges; 3rd and 4th rate.
No timber.
Undergrowth, sage. Good grazing.

Subdivision of T. 17 N., R. 15 E.

Chains

40.00 EAST, on a random line, bet. secs. 5 and 8.
 Set temp. $\frac{1}{4}$ sec. cor.
 79.98 Intersect N. and S. line at the cor. of secs. 4, 5, 8 and 9.

Thence WEST, on a true line, bet. secs. 5 and 8,
 over rolling land, through scattering low undergrowth.
 16.00 Wash, 10 lks. wide, course NE.
 39.99 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the
 ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap



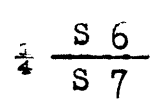
1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

79.98 The cor. of secs. 5, 6, 7 and 8.
 Land, rolling.
 Soil, loose sandy loam, 1 to 24 ins. deep over limestone;
 with outcropping limestone ledges; 2nd to 4th rate.
 No timber.
 Undergrowth, sage. Good grazing.

40.00 WEST, on a random line, bet. secs. 6 and 7.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.10 Intersect W. bdy. of Tp. 2 lks. S. of the cor. of secs.
 1, 6, 7 and 12, described in Book B.

Thence S. $89^{\circ}59'E.$, on a true line, bet. secs. 6 and 7,
 over rolling land, through scattering low undergrowth.
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., marked on brass cap



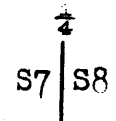
1917

and raise a mound of stone 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

53.50 Dim road, bears N. and S.
 80.10 The cor. of secs. 5, 6, 7 and 8.

Land, rolling.
 Soil, loose sandy loam, stony, 1 to 24 ins. deep over lime-
 stone; 3rd and 4th rate.
 No timber.
 Undergrowth, sage. Good grazing.

40.00 S. $0^{\circ}03'E.$, bet. secs. 7 and 8,
 over rolling land, through scattering low undergrowth.
 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the
 ground and 12 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
 marked on brass cap



1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
W. of cor.

Chains

64.70 Dim road, bears NW. and SE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground and 12 ins. in a mound of stone, for cor. of secs. 7, 8, 17 and 18, marked on brass cap

T17N	R15E
S7	S8
S18	S17
1917	

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.

Soil, loose sandy loam, 1 to 24 ins. deep, over limestone; 3rd to 4th rate.

No timber.

Undergrowth, sage. Good grazing.

40.00 EAST, on a random line, bet. secs. 8 and 17.
Set temp. $\frac{1}{4}$ sec. cor.
80.00 Intersect N. and S. line at the cor. of secs. 8, 9, 16 and 17.

40.00 Thence WEST, on a true line, bet. secs. 8 and 17, over rolling land, through scattering low undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

8 8
+ S17

1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

63.45 Wash, 30 lks. wide, course NE.
70.00 Road, bears NW. and SE. (Old road)
80.00 The cor. of secs. 7, 8, 17 and 18.

Land, rolling.

Soil, loose sandy loam, 1 to 24 ins. deep over limestone; with outcropping ledges of limestone; 2nd to 4th rate.

No timber.

Undergrowth, sage. Good grazing.

40.00 WEST, on a random line, bet. secs. 7 and 18.
Set temp. $\frac{1}{4}$ sec. cor.
80.20 Intersect W. bdy. of Tp. 5 lks. S. of the cor. of secs. 7, 12, 13 and 18, described in Book B.

40.20 Thence S. $89^{\circ}58'E.$, on a true line, bet. secs. 7 and 18, over rolling land, through scattering low undergrowth. Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap

S 7
+ S18

1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

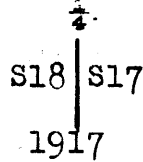
Subdivision of T. 17 N., R. 15 E.

Chains

54.35 Dim road, bears NW. and SE.
80.20 The cor. of secs. 7, 8, 17 and 18.

Land, rolling.
Soil, loose sandy loam, 1 to 18 ins. deep over limestone, with outcropping limestone ledges; 3rd and 4th rate.
No timber.
Undergrowth, sage. Good grazing.

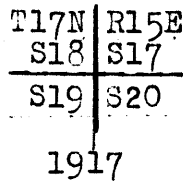
7.50 S.0°03'E., bet. secs. 17 and 18,
over rolling land, through scattering low undergrowth.
23.83 Dim road, bears NW. and SE.
24.55 Wire fence, bears NE. and SW.
25.10 Fence on N. side of circular corral. (Branding pen)
26.59 Fence on S. side of same.
40.00 Wire fence, bears NW. and SE.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

From cor. center of dam forming "Moonlight Bay" reservoir, bears N.25°E., about 30 chs. dist. This dam is built across draw, 10.00 chs. wide, running northeasterly from 1/4 sec. cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground and 6 ins. in a mound of stone, for cor. of secs. 17, 18, 19 and 20, marked on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

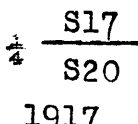
Land, rolling.
Soil, loose sandy loam, stony, 1 to 18 ins. deep over limestone, on first ten and last 20 chs.; and clay loam over 2 ft. deep on remainder of line; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

40.00 EAST, on a random line, bet. secs. 17 and 20.
Set temp. 1/4 sec. cor.

80.02 Intersect N. and S. line at the cor. of secs. 16, 17, 20 and 21.

30.95 Thence WEST, on a true line, bet. secs. 17 and 20,
over rolling land, through scattering low undergrowth.
Road, bears N. and S.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground and 6 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap



Chains

and dig pits, 18x18x12 ins., E. and W. of post, 3 ft. dist.

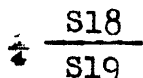
80.02 The cor. of secs. 17, 18, 19 and 20.

Land, rolling.
Soil, loose sandy loam, 2 to 24 ins. deep over limestone; with outcropping limestone ledges; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

40.00 WEST, on a random line, bet. secs. 18 and 19.
Set temp. 1/4 sec. cor.

80.25 Intersect W. bdy. of Twp. 2 lks. S. of the cor. of secs. 13, 18, 19 and 24, described in Book B.

40.25 Thence S.89°59'E., on a true line, bet. secs. 18 and 19, over rolling land, through scattering low undergrowth.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground and 20 ins. in a mound of stone, for 1/4 sec. cor., marked on brass cap



1917

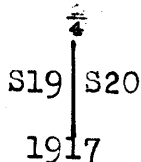
and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

80.25 The cor. of secs. 17, 18, 19 and 20.

Land, rolling.
Soil, loose sandy loam, 1 to 24 ins. deep, over limestone; with outcropping limestone ledges; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

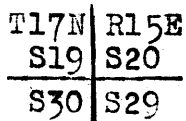
15.00 S.0°03'E., bet. secs. 19 and 20,
over rolling land, through scattering low undergrowth.
Draw, 3 chs. wide, course E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., marked on brass cap



and dig pits, 18x18x12 ins., N. and S. of post, 3 ft. dist.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, marked on brass cap



1917

and dig pits, 18x18x12 ins., in each sec., 5 1/2 ft. dist.

Subdivision of T. 17 N., R. 15 E.

Chains

Land, rolling.
Soil, loose sandy loam, 1 to 24 ins. deep, over limestone;
with outcropping limestone ledges; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

EAST, on a random line, bet. secs. 20 and 29.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.02 Intersect N. and S. line 2 lks. S. of the cor. of secs.
20, 21, 28 and 29.

Thence S. $89^{\circ}59'W.$, on a true line, bet. secs. 20 and 29,
over rolling land, through scattering low undergrowth.
35.00 Road, bears N. and S.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the
ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

$$\frac{S20}{S29}$$

1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

80.02 The cor. of secs. 19, 20, 29 and 30.

Land, rolling.
Soil, loose sandy loam, 2 to 24 ins. deep over limestone;
with outcropping limestone ledges; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

WEST, on a random line, bet. secs. 19 and 30.
40.00 Set temp. $\frac{1}{4}$ sec. cor.
80.29 Intersect W. bdy. of Tp. 2 lks. N. of the cor. of secs.
19, 24, 25 and 30, described in Book "B".

Thence N. $89^{\circ}59'E.$, on a true line, bet. secs. 19 and 30,
over rolling land, through scattering low undergrowth.
40.29 Set an iron post, 3 ft. long, 1 in. diam., 10 ins in the
ground and 16 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor.,
marked on brass cap

$$\frac{S19}{S30}$$

1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
N. of cor.

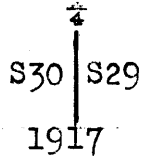
80.29 The cor. of secs. 19, 20, 29 and 30.

Land, rolling.
Soil, loose sandy loam, 2 to 24 ins. deep over limestone;
with outcropping limestone ledges; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

S. $0^{\circ}03'E.$, bet. secs. 29 and 30,
over rolling land, through scattering low undergrowth.

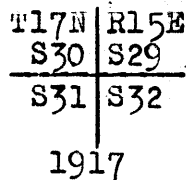
Chains

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground and 8 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground and 14 ins. in a mound of stone, for cor. of secs. 29, 30, 31 and 32, marked on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling.

Soil, loose sandy loam, 2 to 24 ins. deep over limestone; with outcropping limestone ledges; 2nd to 4th rate.

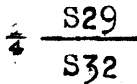
No timber.

Undergrowth, sage. Good grazing.

- 40.00 EAST, on a random line, bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.
80.04 Intersect N. and S. line 2 lks. S. of the cor. of secs. 28, 29, 32 and 33.

Thence S. $89^{\circ}59'$ W., on a true line, bet. secs. 29 and 32, over rolling land, through scattering low undergrowth.

- 40.02 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground and 18 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

- 51.10 Road, bears N. and S.
80.04 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.

Soil, loose sandy loam 2 to 24 ins. deep over limestone; with outcropping limestone ledges; 2nd to 4th rate.

No timber.

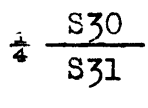
Undergrowth, sage. Good grazing.

- 40.00 WEST, on a random line, bet. secs. 30 and 31.
Set temp. $\frac{1}{4}$ sec. cor.
80.35 Intersect W. bdy. of Tp. 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, described in Book B.

Thence N. $89^{\circ}58'$ E., on a true line, bet. secs. 30 and 31, over rolling land, through scattering low undergrowth.

Chains

40.35 Set an iron post, 3 ft. long, 1 in. diam., 12 ins in the ground and 14 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



1917

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

80.35 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.
Soil, loose sandy loam 2 to 24 ins. deep over limestone; with outcropping limestone ledges; 2nd to 4th rate.
No timber.
Undergrowth, sage. Good grazing.

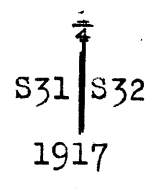
40.00 S.0°03'E., on a random line, bet. secs. 31 and 32.
Set temp. $\frac{1}{4}$ sec. cor.

74.36 Intersect S. bdy. of Tp., (4th St. Par. N.) at the reestablished standard cor. of secs. 31 and 32, hereinbefore described.

Thence N.0°03'W., on a true line, bet. secs. 31 and 32, over rolling land, through very scattering low undergrowth and timber.

5.34 Road, bears NE. and SW.

34.36 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, for $\frac{1}{4}$ sec. cor., marked on brass cap



from which
A cedar, 5 ins. diam., bears N.28°W., 112 lks. dist., marked $\frac{1}{4}$ S31 BT.
A cedar, 6 ins. diam., bears N.17°E., 308 lks. dist., marked $\frac{1}{4}$ S32 BT.

39.00 Leave timber:

54.85 Draw, 50 lks. wide, course SE.

74.36 The cor. of secs. 29, 30, 31 and 32.

Land, rolling.
Soil, loose sandy loam 2 to 24 ins. deep over limestone, with outcropping limestone ledges; 2nd to 4th rate.
Timber, scattering cedars.
Undergrowth, sage. Good grazing.

Latitudes, Departures, and Closing Errors.

Line designated	True Course	Dist.	Latitudes		Departures	
			N.	S.	E.	W.
		chs.	chs.	chs.	chs.	chs.
South Boundary 4th St. Par. N.	N. 89° 42' W.	37.08	.19			37.08
	N. 89° 31' W.	40.74	.34			40.74
	N. 89° 51' W.	40.76	.11			40.76
	N. 89° 46' W.	40.78	.17			40.78
	N. 89° 37' W.	40.72	.27			40.72
	N. 89° 42' W.	40.75	.21			40.75
	N. 89° 45' W.	40.09	.17			40.09
	N. 89° 37' W.	40.82	.27			40.82
	N. 89° 43' W.	40.16	.20			40.16
	S. 89° 07' W.	41.25		.64		41.25
	S. 89° 53' W.	40.69		.08		40.69
S. 89° 47' W.	36.56		.14		36.56	
West Boundary	NORTH	474.65	474.65			
North Boundary	EAST	480.00			480.00	
East Boundary	SOUTH	474.96		474.96		
Convergency					.51	
Totals			476.58	475.82	480.51	480.40
			475.82		480.40	
Error in latitude,			.76			
Error in departure,					.11	

General Description.

SURFACE: This township is rolling, except where it is cut by Clear Creek Canyon, a gorge 250 ft. deep, with precipitous walls; containing a clear stream of water which attains a width of 50 lks. and a depth of 3 ft. The canyon enters the township in sec. 32 and leaves it in sec. 2. Drainage from the remainder of the township is directly or indirectly into this canyon.

SOIL: The soil is for the most part a light sandy loam, stony in places, varying in depth from nothing to several feet; but very shallow as a rule, with limestone rock close beneath or outcropping above the surface.

VEGETATION: Scrub cedar grows very sparsely in a few scattered areas, and the whole township supports a negligible growth of thinly distributed low undergrowth, of rabbit-brush, sage and soap-weed, with occasional cacti.. Short native grass exists in sufficient quantity to furnish fair grazing.

MINERAL: No evidence of valuable mineral was noted.

SETTLERS AND IMPROVEMENTS: There are no settlers. A small reservoir in the NW. part of sec. 17, and a number of unimproved wagon roads constitute the material improvements.

Book "D"
 Group 79 - - - Arizona.
 Township 17 North, Range 15 East.

DATE DIAGRAM.

6	Feb. 8	5	Feb. 8	4	Feb. 5	3	Feb. 1	2	May 15	1	May 16	5-14-17
7	Feb. 8	8	Feb. 8	9	Feb. 5	10	Feb. 2	11	May 15	12	May 16	5-14-17
18	Feb. 9	17	Feb. 9	16	Feb. 5	15	Feb. 2	14	May 16	13	May 18	5-14-17
19	Feb. 9	20	Feb. 9	21	Feb. 6	22	Feb. 2	23	May 16	24	May 19	5-14-17
30	Feb. 10	29	Feb. 10	28	Feb. 6	27	Feb. 2	26	May 17	25	May 24	5-14-17
31	Feb. 10	32	Feb. 10	33	Feb. 6	34	Feb. 2	35	May 17	36	May 17	5-14-17

4th Standard Parallel North

RESURVEY

Resurveys and surveys executed on dates shown above in red, by John F.Hesse, U.S.Surveyor.

Resurveys and surveys executed on dates shown above in green, by Thomas B.Matthews, U.S.Surveyor.

Surveys executed on dates shown above in black, by William L.Nash, U.S.Transitman.

All surveys executed in 1917.

ECOK 3366

4-680

FIELD ASSISTANTS. to

John P. Hease, U. S. Surveyor.

NAMES.	CAPACITY.
H. R. Bedient,	chainman,
Fred Irion,	chainman,
R. M. Brown,	flagman,
S. G. Borum,	moundman,
R. E. McCarty,	axman.

86
BOOK 3366
48

CERTIFICATE OF UNITED STATES SURVEYOR.

I, John F. Hesse, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 79, Arizona,

bearing date of the 1st day of December, 1916, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, ^{re-} surveyed all those parts or portions of the

4th Standard Parallel North, in Range 15 East, and surveyed

all those parts or portions of the subdivision lines of

TOWNSHIP 17 NORTH, RANGE 15 EAST.

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in

the foregoing field notes ^{and by diagram on page 45 hereof} as having been executed by me, and under my direction; and that all the corners of

said ^{resurvey and} survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 79, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of such ^{re-} survey and survey.

*Las Vegas, Nevada
May 14, 1920*

John F. Hesse
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by
under his special instructions dated, 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

.....
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in, has been correctly copied from the original notes on file in this office.

.....
U. S. Surveyor General.

BOOK 50 3366

CERTIFICATE OF UNITED STATES SURVEYOR.

Thomas B. Matthews, U. S. Surveyor, hereby certify upon honor that, in pursuance

of special instructions received from the U. S. Surveyor General, for Group 79, Arizona,

bearing date of the 1st day of December, 1916, I have well, faithfully, and truly

in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instruc-
tions, and the laws of the United States ^{re-} surveyed all those parts or portions of the

4th Standard Parallel North, in Range 15 East, and surveyed all

those parts or portions of the Subdivision Lines of

TOWNSHIP 17 NORTH, RANGE 15 EAST,

of the Gila and Salt

River Base and Meridian, in the State of Arizona, which are represented in

the foregoing field notes ^{and by diagram on page 45 hereof} as having been executed by me, and under my direction; and that all the corners of

^{said resurvey and survey} ~~said survey~~ have been established and perpetuated in strict accordance with the Manual of Surveying Instruc-

tions, and the special written instructions of the U. S. Surveyor General for Group 79, Arizona,

and in the specific manner described in the field notes, and that the foregoing are the original field notes of

^{re-} such survey. and survey.

Thomas B. Matthews
U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

under his special instructions dated, 191, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

.....
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in, has been correctly copied from the original notes on file in this office.

.....
U. S. Surveyor General.

BOOK 3365

4-680

FIELD ASSISTANTS. to

William L. Nash, U. S. Transitman.

NAMES.	CAPACITY.
B. E. Wakeman,	1st chainman.
N. O'Connell,	2nd chainman.
Vernon Godbehere,	flagman.
W. E. Phillips,	moundman.
C. Muldner,	axman.

BOOK 3366

CERTIFICATE OF UNITED STATES SURVEYOR.

I, William L. Nash, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General, for Group 79, Arizona, bearing date of the 1st day of December, 1916, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the

West boundary of

TOWNSHIP 17 NORTH, RANGE 16 EAST,

of the Gila and Salt River Base & Meridian, in the State of Arizona, which are represented in the foregoing field notes and by diagram on page 45 hereof as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General, for Group 79, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

William L. Nash

U. S. Surveyor Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Arizona, June 16, 1920.

The foregoing field notes of the re-survey of the

Fourth Standard Parallel North, thru. Range 15 East, and Survey of the West Bdy. of T. 17 N., R. 16 E.

and Subdivision Lines of

TOWNSHIP 17 NORTH, RANGE 15 EAST,

of the Gila and Salt River Base and Meridian, in the State of Arizona, executed by John F. Hesse & Thomas B. Matthews, U.S. Surveyors, and Wm. L. Nash, U.S. Transitman, under special instructions dated Dec. 1, 1916, for Group 79, Arizona, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Francis D. Smith

U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above described surveys in

has been correctly copied from the original notes on file in this office.